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Index*

WHOLESALE TRADE LIST



FALL 1950

Place Your Order Early

Buy from Lake's for complete satisfaction! ! ! Highest quality nursery stock, prompt service and courteous treatment are our watchwords. Send us your order early while our assortment is complete. The stock you order will be reserved for you and will be shipped according to your instructions.

KATHERINE T. MARSHALL
(Plant Pat. 607)



Order Now!

LONG DISTANCE PHONES
406 - 407

MIRANDY
(Plant Pat. 632)



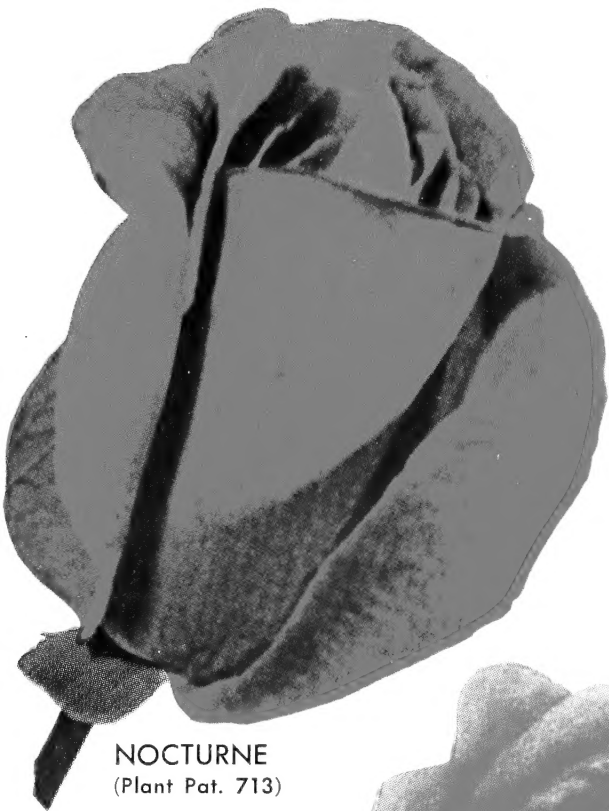
FORTY-NINER
(Plant Pat. 792)



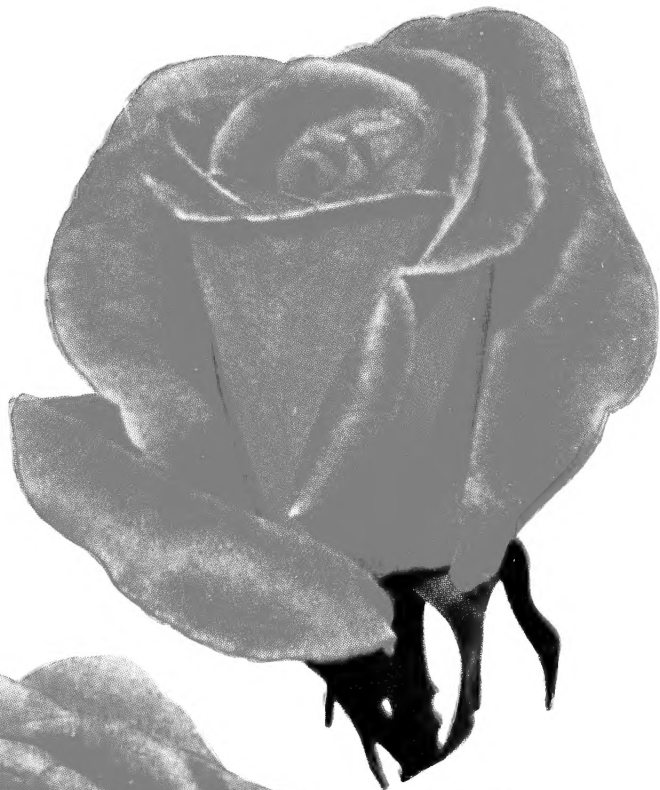
Lake's

SHENANDOAH NURSERIES

Shenandoah, Iowa



NOCTURNE
(Plant Pat. 713)



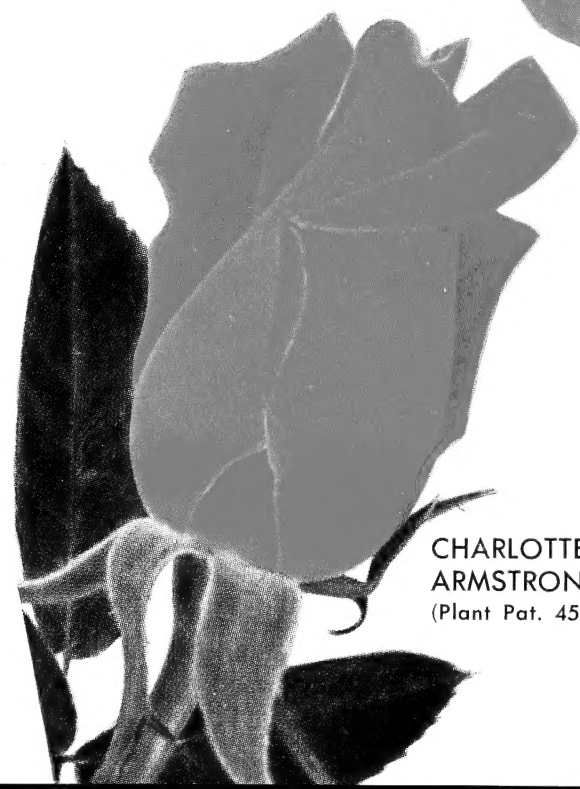
TAFFETA
(Plant Pat. 716)

The Rose varieties shown on the cover and on this page are publicized as being among the 10 best of the 36 AARS Annual Award Winners from 1940 through 1949.



PEACE
(Plant Pat. 591)

To capitalize on this publicity and to supply the demands of your customers, your assortment should include a quantity of each.



**CHARLOTTE
ARMSTRONG**
(Plant Pat. 455)



SAN FERNANDO
(Plant Pat. 785)

TERMS AND CONDITIONS OF SALE

Terms—1% discount for cash if paid on or before 10th of month following date of invoice and is due **NET** 30 days thereafter.

Cash security, or satisfactory reference is required from unknown parties. Orders to be sent C. O. D. should be accompanied by one-fourth cash. Interest charged on past due accounts.

PRICES—Apply upon the following quantities: Fruit Trees, Shade Trees, Shrubs, Roses, Vines, **PERENNIALS** (including **PEONIES** and **LILIES**).

300 or more take 1000 rates where published.

30 to 300 take 100 rates.

Under 30 take 10 rates.

All grades and varieties in any one class are allowed to make up total. Example: All kinds of fruit trees will be considered as one class and all varieties of shrubs as one class, etc.

SMALL FRUITS, HEDGINGS, PRIVET and ALL SEEDLINGS

300 of same variety and grade take 1000 rates.

Under 300 of same variety and grade take 100 rates.

EVERGREENS, BALLED and BURLAPPED

30 trees (any assortment) take 100 rates.

Under 30 trees (any assortment) take 10 rates.

FALL AND SPRING BULBS

300 or more bulbs (not less than 50 of any one variety) take 1000 rates.

Under 300 bulbs take 100 rates.

BROKEN LOTS—The wholesale prices in this list apply only on Wholesale Quantities. Orders should call for ten of a kind and size, and beyond that for multiples of ten. Orders for broken lots cannot be accepted.

SUBJECT NOTICE—The prices named in this list cancel all previous lists and are **SUBJECT TO CHANGE WITHOUT NOTICE**. All sales and contracts are made subject to crop losses or other causes over which we have no control.

SHIPPING—We request customers to give definite shipping instructions regarding manner in which they wish goods shipped. In the absence of special instructions we use our best judgment, but without assuming responsibility. All shipments travel at risk and expense of purchaser.

TRUCK DELIVERY—We are able to give truck service on full loads to many points at equal or lower than local freight rates. This means delivery to your door. Some customers prefer to employ their own trucks which is satisfactory; but, in this case, we will appreciate two or three days advance notice—giving us ample time to have your stock ready for loading.

PACKING—No charge for packing bulk cars. Bales and boxes will be charged at actual cost of material and labor used.

CLAIMS—FOR ANY CAUSE MUST BE MADE PROMPTLY UPON RECEIPT OF GOODS. WE WILL NOT ENTERTAIN CLAIMS AFTER GOODS HAVE BEEN ONCE ACCEPTED, OR WHEN REPORT IS NOT MADE IN WRITING WITHIN TEN DAYS AFTER ARRIVAL OF STOCK.

GUARANTEE—WE GIVE NO WARRANTY, EXPRESSED OR IMPLIED, AS TO LIFE, DESCRIPTION, QUALITY, PRODUCTIVENESS, OR ANY OTHER MATTER OF ANY NURSERY STOCK, SEEDS OR PLANTS THAT WE SELL. IT IS MUTUALLY AGREED THAT OUR TOTAL LIABILITY FOR ANY ERRORS, SHOULD STOCK PROVE UNTRUE TO NAME AS LABELED, SHALL BE LIMITED UPON SATISFACTORY PROOF, TO OUR REPLACING FREE OR REFUNDING PURCHASE PRICE.

THE SHENANDOAH NURSERIES

D. S. LAKE, PRESIDENT

K. D. HOLMES, Vice-Pres.

R. S. MULLISON, Vice-Pres.

A. D. HUNT, Treas.

Please note that caliper shall govern the size of fruit trees. The height given below represents the average height of most varieties.

All Fruit Trees are tied: 11/16 and 9/16, 10; 7/16 and 5/16, 20 per bundle.

APPLE and CRAB

	Per 10	Per 100	Per 1000
Standard First Class, 4½ ft. and up, 11/16 to 7/8 in.-----	\$4 50	\$40 00	\$350 00
" " " 4 " " " 9/16 to 11/16 in.-----	4 00	35 00	300 00
" " " 3 " " " 7/16 to 9/16 in.-----	2 90	25 00	-----
" " " 2 " " " 5/16 to 7/16 in.-----	2 40	20 00	-----
" " " 5 " " " 7/8 in. and up-----	5 50	50 00	-----

Anoka	Haralson	Prairie Spy
Baldwin	Hibernal	Red June
Beacon	Jonathan Dark Red	Rome Beauty Red
Cortland	Lodi	Stayman Dark Red
Delicious Dark Red	McIntosh	Turley
Delicious Yellow	McIntosh Dark Red	Victory
Dolgo	Maiden Blush	Virginia Crab
Duchess Dark Red	Minjon	Wealthy
Early Harvest	Minn. No. 790	Whitney
Fameuse	Northern Spy Red	Winesap Dark Red
Fireside	N. W. Greening	Yellow Transparent
Grimes Golden		

DELCON

A true semi-dwarf Apple tree—12 ft.

Produces full size dark red fruit similar in shape to Delicious but without knobs. A naturally dwarf variety. Flavor is a combination of its parents, Jonathan and Delicious. Developed, tested and approved by Mo. State Experiment Station. Hardy wherever Red Delicious is successful.

	Per 10	Per 100
2 to 3 ft. 2 yr.-----	\$ 6 00	\$ 55 00
3 to 4 ft. 2 yr.-----	7 50	70 00
4 to 5 ft. 2 yr.-----	8 50	80 00

APPLE—One Year, Mostly Whips

	Per 10	Per 100	Per 1000
4 to 5 ft.-----	\$3 20	\$28 00	\$250 00
3 to 4 ft.-----	2 50	22 50	200 00
2 to 3 ft.-----	2 10	18 00	150 00

Anoka	Duchess Dark Red	Stayman Dark Red
Cortland	Jonathan Dark Red	Wealthy
Delicious Dark Red	McIntosh Dark Red	Yellow Transparent
Delicious Yellow		

QUINTUPLET APPLE

Shenandoah Grown

These trees were dormant budded in the Summer of 1949 on strong side limbs of 2 year trees. The buds have a full one year growth. The branches are heavy and well established.

	Per 10	Per 100
Three Years, 9-16 in. and up-----	\$13 50	\$125 00

CHERRY—Sour

Two Year on Mahaleb

	Per 10	Per 100	Per 1000
4 ft. and up, 11/16 to 1 in.-----	\$ 8 00	\$ 75 00	\$700 00
3½ " " " 9/16 to 11/16 in.-----	7 00	65 00	600 00
3 " " " 7/16 to 9/16 in.-----	6 00	55 00	-----
5 " " " 1 in and up-----	10 00	90 00	800 00

Early Richmond
English Morello

Montmorency

CHERRY—Sour

One Year on Mahaleb

	Per 10	Per 100	Per 1000
3½ ft. and up, 11/16 in. and up.....	\$ 8 00	\$ 75 00	\$700 00
3 " " " 9/16 to 11/16 in.....	7 00	65 00	600 00
2½ " " " 7/16 to 9/16 in.....	6 00	55 00	-----
2 " " " 5/16 to 7/16 in.....	5 00	45 00	-----
Early Richmond	English Morello	Montmorency	

CHERRY—Sweet

Two Year on Mahaleb

One Year on Mazzard

	Per 10	Per 100	Per 1000
4½ ft. and up, 11/16 in. and up, whips and lightly branched	\$11 00	\$100 00	\$900 00
4 " " " 9/16 to 11/16 in., whips and lightly branched	9 00	85 00	800 00
3 " " " 7/16 to 9/16 in., whips and lightly branched	7 50	70 00	650 00
2½ " " " 5/16 to 7/16 in., whips.....	6 00	55 00	500 00

** Bing

* Black Giant

* Black Tartarian

* Available 2 Yr. only.

** Available 1 and 2 Yr.

*** Available 1 Yr. only.

Be sure to specify age desired.

*** Kansas Sweet

** Lambert

** Napoleon

*** Yellow Glass

* Yellow Spanish

BUDED**NANKING CHERRY**

TOMENTOSA, Orient Cherry

An improved variety, producing an abundance of blooms. Self fertile, produces an abundance of fruit. Flesh of fruit is meaty, juicy with a pleasant subacid flavor. Excellent for eating fresh or for Jams and Jelly.

	Per 10	Per 100
18 to 24 in.....	\$ 4 00	\$ 35 00
2 to 3 ft.....	5 00	45 00

HANSEN'S BUSH CHERRY

(Improved Besseyi)

The fruit is large, sweet, shaped like a plum. Very hardy and bears well in poor soil. Will bear fruit first year planted.

	Per 10	Per 100	Per 1000
3 to 4 ft., transplants.....	\$ 4 00	\$ 35 00	\$-----
2 to 3 ft., ".....	2 90	25 00	220 00
18 to 24 in., ".....	2 40	20 00	180 00
12 to 18 in., ".....	1 80	15 00	-----

PEAR STANDARD

	Per 10	Per 100	Per 1000
Two Year, 4½ ft. and up, 11/16 in. and up.....	\$ 6 50	\$ 60 00	\$550 00
" " 4 " " " 9/16 to 11/16 in.....	5 00	45 00	400 00
" " 3 " " " 7/16 to 9/16 in.....	4 20	37 00	320 00
" " 2 " " " 5/16 to 7/16 in.....	3 20	28 00	-----

Anjou
Bantam (Minn. No. 3)
Bartlett
Clapp Favorite
Douglas

Duchesse d'Angouleme
Flemish Beauty
Gorham
Kieffer
Lincoln

Mendel
Parker
Patten
Seckel

PEAR—Dwarf

	Per 10	Per 100	Per 1000
Two Years, 5-8 inch and up.....	\$ 8 50	\$ 80 00	\$-----
" " 1-2 to 5-8 inch.....	6 50	60 00	-----
Bartlett	Duchess d'Angouleme	Kieffer	Seckel

PEACH—One Year

		Per 10	Per 100	Per 1000
4½ ft. and up, 11/16 in. and up	-----	\$ 6 00	\$ 55 00	\$500 00
4 " " " 9/16 to 11/16 in.	-----	5 50	50 00	450 00
3 " " " 7/16 to 9/16 in.	-----	4 20	37 00	320 00
2 " " " 5/16 to 7/16 in.	-----	2 60	22 00	200 00

Belle (Belle of Georgia)
Champion
Early Elberta
Elberta
Golden Jubilee

Halehaven
Heath Cling
J. H. Hale
Mayflower
Osage

Polly
Red Haven
Rochester
Southhaven
Valiant

APRICOT—One Year

(On Peach Roots)

		Per 10	Per 100	Per 1000
4 ft. and up, 11/16 in. and up	-----	\$ 8 50	\$ 80 00	\$-----
3½ " " " 9/16 to 11/16 in.	-----	7 00	65 00	-----
3 " " " 7/16 to 9/16 in.	-----	5 00	45 00	-----
2 " " " 5/16 to 7/16 in.	-----	4 00	35 00	-----

Chinese

Scout

Superb

Wenatchee Moorpark

HANSEN MANCHURIAN APRICOTS—One Year

(On Peach Roots)

		Per 10	Per 100	Per 1000
4 ft. and up, 11/16 in. and up	-----	\$ 8 50	\$ 80 00	\$-----
3½ " " " 9/16 to 11/16 in.	-----	7 00	65 00	-----
3 " " " 7/16 to 9/16 in.	-----	5 00	45 00	-----
2 " " " 5/16 to 7/16 in.	-----	4 00	35 00	-----

Manchu

PLUM**EUROPEAN and JAPANESE**

(On Myrobolan)

		Per 10	Per 100	Per 1000
4½ ft. and up, 11/16 in. and up	-----	\$ 8 50	\$ 80 00	\$-----
4 " " " 9/16 to 11/16 in.	-----	5 00	45 00	400 00
3 " " " 7/16 to 9/16 in.	-----	4 20	37 00	320 00
2 " " " 5/16 to 7/16 in.	-----	3 20	28 00	250 00

Abundance
Blue Damson
Burbank
Fellenburg

Green Gage
Italian Prune
Lombard
Red June

Reine Claude
Stanley
Yellow Egg

HOWARD'S MIRACLE

Patent No. 721

A new truly miracle plum. Flavor resembles combination of nectarine, peach, and plum. Fruit is large averaging 2½ to 2¾ inches in diameter. Ripens over long period during July and August. Good keeper. A fast growing and quick bearing tree, often bearing second year after planting. Tree is medium size and attractive as ornamental tree. Tests show hardiness as far north as Northern Ohio. Can safely be planted where temperatures do not go below zero.

		Per 10	Per 100
4½ ft. and up, 11/16 in. and up	-----	\$ 8 00	\$ 75 00
4 " " " 9/16 in. to 11/16 in.	-----	7 00	65 00
3 " " " 7/16 in. to 9/16 in.	-----	6 00	55 00

(Suggested retail price, \$2.00 each)

PLUM—One Year
AMERICAN and HARDY HYBRIDS
 (On Native Roots)

		Per 10	Per 100	Per 1000
4½ ft. and up, 11/16 in. and up	-----	\$ 6 50	\$ 60 00	\$550 00
4 " " " 9/16 to 11/16 in.	-----	5 00	45 00	400 00
3 " " " 7/16 to 9/16 in.	-----	4 20	37 00	320 00
2 " " " 5/16 to 7/16 in.	-----	3 20	28 00	250 00

Compass
Ember
Hanska
Kaga
Kahinta

Oka
Omaha
Opata
Red Coat
Sapa

Superior
Terry
Toka
Underwood
Waneta

NECTARINE

		Per 10	Per 100	Per 1000
4 ft. and up, 11/16 to 1 in.	-----	\$ 7 50	\$ 70 00	\$-----
3½ " " " 9/16 to 11/16 in.	-----	6 00	55 00	-----
3 " " " 7/16 to 9/16 in.	-----	5 00	45 00	-----
2 " " " 5/16 to 7/16 in.	-----	3 50	30 00	-----

Sure Crop

Hunter

CURRENTS

Tied, No. 1, 25; No. 2, 50 per Bundle.

		Per 100	Per 1000
Cherry, dark red, 2 yr. No. 1	-----	\$ 14 00	\$125 00
" " " 2 yr. No. 2	-----	10 00	85 00
Fay (Fay's Prolific), dark red, 2 yr. No. 1	-----	14 00	125 00
" " " " " 2 yr. No. 2	-----	10 00	85 00
Perfection, bright red, 2 yr. No. 1	-----	16 00	140 00
" " " " " 2 yr. No. 2	-----	12 00	100 00
Red Lake, the light red berries are in long clusters; thrifty and extremely productive.			
2 yr. No. 1	-----	18 00	150 00
2 yr. No. 2	-----	12 00	110 00
Wilder, dark red, 2 yr. No. 1	-----	14 00	125 00
" " " 2 yr. No. 2	-----	10 00	85 00

GOOSEBERRIES

Tied 25 per Bundle.

		Per 100	Per 1000
Champion, a regular and heavy bearer of the finest quality. Berries are of medium size, handsome pale green.			
2 yr. No. 1	-----	\$ 22 00	\$200 00
2 yr. No. 2	-----	18 00	160 00
Downing, pale green, 2 yr. No. 1	-----	25 00	220 00
" " " 2 yr. No. 2 or 1 yr. No. 1	-----	20 00	180 00
Houghton, dark red, 2 yr. No. 1	-----	20 00	180 00
" " " 2 yr. No. 2 or 1 yr. No. 1	-----	18 00	150 00
Pixwell, large red fruit borne on long stems. Vigorous grower. Very hardy.			
2 yr. No. 1	-----	35 00	300 00
1 yr. No. 1	-----	28 00	250 00

BLACKBERRIES

Tied 25 per Bundle.

		Per 100	Per 1000
Alfred, No. 1	-----	\$ 5 50	\$ 50 00
Ancient Briton, No. 1	-----	5 50	50 00
Blowers, No. 1	-----	5 50	50 00
Early Harvest, No. 1	-----	5 50	50 00
Eldorado, No. 1	-----	5 50	50 00

RASPBERRIES

Tied 25 per Bundle.

	Per 100	Per 1000
Chief , a Latham seedling; finest early red; heavy producer.		
No. 1, suckers.....	\$ 6 00	\$ 55 00
Cumberland , most widely planted blackcap raspberry.		
Tips	5 00	45 00
Transplants	8 00	75 00
Indian Summer , (Red Everbearing), a superior new everbearing variety; large, of high quality.		
1 yr. No. 1 Suckers.....	6 50	60 00
Latham , a large, productive red variety, always in demand.		
No. 1, Suckers.....	6 00	55 00
Logan , very large, jet black, juicy and sweet.		
Tips	5 00	45 00
Morrison , a new blackcap, much larger than Cumberland. Vigorous, disease resistant.		
Tips	6 50	60 00
New Sunrise , one of the newer varieties, firm, juicy fruit, early.		
No. 1 Suckers.....	6 00	55 00
St. Regis , large and sweet, bears over a long season, red.		
No. 1 Suckers.....	6 00	55 00
Sodus , a new, very large, drought-resistant purple raspberry, possibly most productive of all raspberries.		
1 yr. No. 1 Tips.....	6 50	60 00
Taylor , large red, one of the newest and best commercial varieties from the N. Y. Agr. Exp. Sta.		
1 yr. No. 1.....	6 00	55 00

GRAPE VINES

Tied, 2 yr. No. 1, 50; 2 yr. No. 2, 100 per Bundle.

	Per 100	Per 1000
Agawam , red, 2 yr. No. 1.....	\$ 15 00	\$125 00
" " 2 yr. No. 2 or 1 yr. No. 1.....	12 00	100 00
Beta , black, 2 yr. No. 1.....	15 00	125 00
" " 2 yr. No. 2 or 1 yr. No. 1.....	12 00	100 00
Caco , red grape, large fruit, delicious spicy flavor. Bears young, heavily and regularly. Ripens first of September.		
2 yr. No. 1.....	18 00	-----
2 yr. No. 2 or 1 yr. No. 1.....	14 00	-----
Concord , black, 2 yr. No. 1.....	12 00	100 00
" " 2 yr. No. 2 or 1 yr. No. 1.....	8 00	75 00
Delaware , red, 2 yr. No. 1.....	18 00	150 00
" " 2 yr. No. 2 or 1 yr. No. 1.....	14 00	120 00
Fredonia , earliest black grape. Large clusters of berries with a juicy delicious flavor; vigorous and very hardy.		
2 yr. No. 1.....	14 00	125 00
2 yr. No. 2 or 1 yr. No. 1.....	12 00	100 00
Golden Muscat , large, golden grape of California type; very sweet; large bunches. Hardy in Middle West.		
2 yr. No. 1.....	60 00	550 00
2 yr. No. 2 or 1 yr. No. 1.....	50 00	450 00
Moore's Early , black, 2 yr. No. 1.....	16 00	140 00
" " " 2 yr. No. 2 or 1 yr. No. 1.....	13 00	110 00
Niagara , white, 2 yr. No. 1.....	14 00	125 00
" " " 2 yr. No. 2 or 1 yr. No. 1.....	12 00	100 00

GRAPE VINES—Continued

	Per 100	Per 1000
Portland , earliest white grape, very productive and hardy. Bunches and berries are larger than any other white grape.		
2 yr. No. 1	\$ 20 00	\$180 00
2 yr. No. 2 or 1 yr. No. 1	16 00	140 00
Sheridan, black . Ripens one week later than Concord; better flavor; an excellent keeper.		
2 yr. No. 1	22 00	-----
2 yr. No. 2 or 1 yr. No. 1	16 00	-----

MISCELLANEOUS

	Per 100	Per 1000
Asparagus, Conover's Washington, Palmetto , 2 yr. No. 1	\$ 2 10	\$ 18 00
" " " " 1 yr. No. 1	14 00	12 00
Asparagus Paradise , a tremendous grower, yielding two to three times as much as other varieties. Exceptionally large; fine flavor.		
2 yr. No. 1	2 10	18 00
1 yr. No. 1	1 40	12 00
Boysenberry , Tip plants	5 50	50 00
Boysenberry , Thornless tip plants	6 50	60 00
Dewberry Lucretia , R. C. plants No. 1	4 50	40 00
Horseradish , Crowns	5 50	50 00
" Cuttings	2 90	25 00
Rhubarb, Victoria , Whole Roots, 2 yr. 1½ in. and up	8 00	70 00
" " " " 2 yr. 1 to 1½ in.	5 50	50 00
" " " " 1 yr. ¾ to 1 in.	4 50	40 00
" " " " 1 yr. ½ to ¾ in.	3 20	28 00
Rhubarb, Chipman Red , sweet and of excellent flavor; stem dark red throughout.	40 00	-----
Rhubarb, McDonald , brilliant crimson, very tender stalks of extra large size. Tremendous yielder.	28 00	-----
Rhubarb, Ruby , intensely red and of excellent quality; a new hardy variety.	28 00	-----
Youngberry , Tip Plants, No. 1	5 50	50 00

FRUIT TREE SEEDLINGS—American Grown

Our fruit tree seedlings are grown in Washington and Oregon where weather conditions are ideal. They are dug only when well ripened, and carefully graded by experienced graders. We are sure you will be pleased with them.

	Per 100	Per 1000
APPLE SEEDLINGS, Western grown		
¼ in. and up, branched	\$ 3 50	\$ 30 00
¼ in. and up, straight	3 20	28 00
No. 1, 3/16 to 1/4 in., branched	2 90	25 00
No. 1, 3/16 to 1/4 in., straight	2 90	25 00
No. 2, 2/16 to 3/16 in., branched	2 10	18 00
No. 2, 2/16 to 3/16 in., straight	2 10	18 00
No. 3, about 2/16 in.	1 40	12 00
CHERRY MAHALEB, Western grown		
1/4 in. and up	3 20	28 00
No. 1, 3/16 to 1/4 in.	3 00	26 00
No. 2, 2/16 to 3/16 in.	2 40	20 00
No. 3, about 2/16 in.	1 80	15 00

FRUIT TREE SEEDLINGS—Continued

	Per 100	Per 1000
CHERRY MAZZARD, Western grown		
1/4 in. and up.....	\$ 3 50	\$ 28 00
No. 1, 3/16 to 1/4 in.....	3 00	26 00
No. 2, 2/16 to 3/16 in.....	2 40	20 00
No. 3, about 2/16 in.....	1 80	15 00
PEACH SEEDLINGS, Shenandoah grown		
1/4 in. and up.....	4 50	40 00
No. 1, 3/16 in. and up.....	4 00	35 00
No. 2, 2/16 to 3/16 in.....	3 50	30 00
PEAR BARTLETT, Western grown		
1/4 in. and up, branched.....	3 70	32 00
No. 1, 3/16 to 1/4 in., branched.....	3 20	28 00
No. 2, 2/16 to 3/16 in., branched.....	2 40	20 00
No. 3, about 2/16 in.....	1 70	14 00
PLUM MYROBOLAN, Western grown		
1/4 in. and up.....	3 20	28 00
No. 1, 3/16 to 1/4 in.....	3 00	26 00
No. 2, 2/16 to 3/16 in.....	2 40	20 00
No. 3, about 2/16 in.....	1 80	15 00
PLUM NATIVE, Shenandoah grown		
1/4 in. and up.....	4 50	40 00
No. 1, 3/16 to 1/4 in.....	3 50	30 00
No. 2, 2/16 to 3/16 in.....	2 40	20 00
No. 3, and 2/16 in.....	1 70	14 00

FOREST TREE SEEDLINGS

Our seedlings are all carefully graded, the crooked and poor seedlings being discarded. We are confident that our stock will please you.

Tied 3-4 ft. and up, 25; 2-3 ft., 50; 18-24 in. and smaller, 100 per bundle.

ASH, GREEN (<i>Fraxinus pennsylvanica lanceolata</i>)		Per 100	Per 1000
9 to 12 in.....	\$	1 20	\$ 10 00
12 to 18 in.....		1 80	15 00
CARAGANA arborescens (Siberian Peashrub)			
6 to 12 in.....		2 10	18 00
12 to 18 in.....		3 20	28 00
18 to 24 in.....		4 50	40 00
2 to 3 ft.....		6 00	55 00
ELM, American (<i>Ulmus americana</i>)			
6 to 12 in.....		80	7 00
12 to 18 in.....		1 40	12 00
18 to 24 in.....		1 90	16 00
2 to 3 ft.....		2 60	22 00
3 to 4 ft.....		3 70	32 00
4 to 5 ft.....		5 60	50 00
5 to 6 ft.....		9 00	80 00

FOREST TREE SEEDLINGS—Continued

ELM, Chinese (<i>Ulmus pumila</i>)	Per 100	Per 1000
6 to 12 in.....	\$ 90	\$ 8 00
12 to 18 in.....	1 70	14 00
18 to 24 in.....	2 40	20 00
2 to 3 ft.....	3 50	30 00
3 to 4 ft.....	5 00	45 00
4 to 5 ft.....	8 00	70 00
5 to 6 ft.....	12 00	100 00
6 to 8 ft.....	18 00	150 00
HONEY LOCUST (<i>Gleditsia triacanthos</i>)		
12 to 18 in.....	1 70	14 00
18 to 24 in.....	2 40	20 00
HONEY LOCUST, Thornless (<i>Gleditsia triacanthos inermis</i>)		
12 to 18 in.....	2 10	18 00
18 to 24 in.....	2 90	25 00
LOCUST, Black (<i>Robinia pseudoacacia</i>)		
12 to 18 in.....	1 40	12 00
18 to 24 in.....	2 10	18 00
2 to 3 ft.....	2 90	25 00
3 to 4 ft.....	4 50	40 00
MAPLE, Silver (<i>Acer dasycarpum</i>)		
6 to 12 in.....	1 20	10 00
12 to 18 in.....	1 80	15 00
18 to 24 in.....	2 90	25 00
MULBERRY, Russian (<i>Morus alba tatarica</i>)		
6 to 12 in.....	1 20	10 00
12 to 18 in.....	1 90	16 00
OAK, Pin, (<i>Quercus palustris</i>)		
9 to 12 in.....	5 00	45 00
12 to 18 in.....	7 00	60 00
18 to 24 in.....	9 00	80 00
OSAGE ORANGE (<i>Maclura pomifera</i>)		
6 to 12 in.....	90	8 00
12 to 18 in.....	1 40	12 00
18 to 24 in.....	1 90	16 00
PERSIMMON, (<i>Diospyros virginiana</i>)		
6 to 12 in.....	2 90	25 00
12 to 18 in.....	4 50	40 00
18 to 24 in.....	5 60	50 00
2 to 3 ft.....	7 00	65 00
RED BUD, (<i>Cercis canadensis</i>)		
12 to 18 in.....	2 90	25 00
18 to 24 in.....	4 50	40 00
RUSSIAN OLIVE (<i>Elaeagnus angustifolia</i>)		
6 to 12 in.....	2 10	18 00
12 to 18 in.....	3 20	28 00
18 to 24 in.....	4 50	40 00

FOREST TREE SEEDLINGS—Continued

WALNUT, Black (<i>Juglans nigra</i>)	Per 100	Per 1000
6 to 12 in.....	\$ 2 60	\$ 22 00
12 to 18 in.....	3 50	30 00
18 to 24 in.....	4 50	40 00
2 to 3 ft.....	6 00	55 00
3 to 4 ft.....	9 00	80 00
4 to 5 ft.....	12 00	100 00

ONE YEAR FROM CUTTINGS

POPLAR (*Populus*)

Lombardy and Volga

	Per 100	Per 1000
2 to 3 ft., whips.....	\$ 5 60	\$ 50 00
3 to 4 ft., ".....	8 50	75 00

WILLOW (*Salix*)

Babylonica

2 to 3 ft.....	5 50	50 00
3 to 4 ft.....	7 00	60 00
4 to 5 ft.....	8 50	75 00

Golden

18 to 24 in.....	2 60	22 00
2 to 3 ft.....	4 00	35 00
3 to 4 ft.....	5 00	45 00
4 to 5 ft.....	8 00	70 00

Niobe (Golden Weeping)

18 to 24 in.....	4 00	35 00
2 to 3 ft.....	5 50	50 00
3 to 4 ft.....	7 00	60 00
4 to 5 ft.....	8 50	75 00

Pussy (discolor)

12 to 18 in.....	2 40	20 00
18 to 24 in.....	4 00	35 00
2 to 3 ft.....	5 60	50 00
3 to 4 ft.....	7 50	65 00

Wisconsin (*blanda*)

18 to 24 in.....	4 00	35 00
2 to 3 ft.....	5 50	50 00
3 to 4 ft.....	7 00	60 00
4 to 5 ft.....	8 50	75 00

ORNAMENTAL and SHADE TREES

Our Ornamental and Shade Trees are first-class, well-shaped, nursery-grown trees, transplanted and properly spaced to allow ample limb spread.

All calipers are taken 6 inches above the collar.

ASH (FRAXINUS)

Green (*pennsylvanica lanceolata*) 50-60 ft.

Per 10 Per 100

Shapely, round-headed trees with slender, spreading branches. Hardy.

5 to 6 ft.	\$ 5 50	\$ 50 00
6 to 8 ft.	8 50	80 00

BIRCH (BETULA)

Cut Leaf Weeping (*alba laciniata*) 30-40 ft.

Deeply cut leaves on graceful, drooping branches; silvery white bark. Most effective as a specimen lawn tree, or a group planting.

4 to 5 ft.	12 00	110 00
5 to 6 ft.	18 00	165 00
6 to 8 ft.	25 00	225 00

CATALPA

bungei (Manchurian) 10-12 ft.

Large tree, heart-shaped leaves. A dwarf, globe-shaped tree.

1 year heads, 4 to 5 ft. stems	11 00	100 00
2 year heads, 4 to 5 ft. stems	13 50	125 00

CRAB, FLOWERING (MALUS)

18 to 24 in.	6 50	60 00
2 to 3 ft.	8 50	80 00
3 to 4 ft.	13 50	125 00

Bechtel (*ioensis plena*) 12-15 ft. May-June. The genuine double-flowering crab; medium-sized tree; hardy. Delicate pink, double, small rose-like flowers; fragrant.

CRAB, FLOWERING (MALUS)

2 to 3 ft.	5 00	45 00
3 to 4 ft.	7 00	65 00
4 to 5 ft.	8 50	80 00
5 to 6 ft.	12 00	110 00

atrosanguinea (Carmine Crab). 15-20 ft.

Brilliant single carmine flowers and purplish-bronze foliage. Resembling wild rose, followed by scarlet fruit.

niedzwetzkyana (Redvein Crab). 20-25 ft. Large deep pink flowers; red bark, leaves and fruit.

Red Silver. 25-30 ft. Cut-leaved, maroon red and silver foliage, bright red fruit.

CRAB, FLOWERING (Malus)

3 to 4 ft.	5 50	50 00
4 to 5 ft.	7 00	65 00
5 to 6 ft.	9 00	85 00

Hopa (Red Flowering Crab) 20-25 ft. April-May. One of the most desirable varieties. An attractive upright-growing tree that becomes literally covered with large, rose-colored flowers. Very hardy and free from disease. Planted extensively.

ELM (ULMUS)

American White (*americana*) 60-100 ft.

A stately, massive tree that affords ample shade and shelter.

5 to 6 ft.	5 50	50 00
6 to 8 ft.	8 00	75 00
8 to 10 ft.	11 00	100 00

ORNAMENTAL and SHADE TREES—Continued

ELM (ULMUS)—Continued

Chinese (Ulmus pumila) 40-50 ft.	Per 10	Per 100
A hardy, rapid-growing tree; small dense foliage; drought-resistant.		
4 to 5 ft.	\$ 4 00	\$ 35 00
5 to 6 ft.	5 50	50 00
6 to 8 ft.	8 00	75 00

Chinese, Ulmus Pumila. Root-Pruned Seedlings.

These trees have been grown in wide rows and thinned out to develop branched tops. All have been root-pruned to produce a branched root system. They will be graded by caliper and height.

4 to 5 ft., 7-16 to 9-16 in.	2 60	22 00
5 to 6 ft., 9-16 to 11-16 in.	4 00	35 00
6 to 8 ft., 11-16 to 7-8 in.	5 50	50 00
8 to 10 ft., 7-8 to 1 in.	7 50	70 00

Hybrid. 40-60 ft.

Our Hybrid Elm are a cross between Chinese Elm and American. Habit of growth similar to American Elm but with the rapid growth of the Chinese Elm. Branches are straight and strong, do not break in high winds. Large dark green leaves. Very hardy. Apparently resistant to Dutch Elm disease.

4 to 5 ft.	7 00	65 00
5 to 6 ft.	9 00	85 00

Moline 80-100 ft.

Narrow pyramidal; rapid-growing; large handsome green foliage. Uniform trees for street or drive planting.

5 to 6 ft.	9 00	85 00
6 to 8 ft.	11 00	100 00

MAPLE (ACER)

Norway (patanoides) 50-60 ft.

Forms a rounded head, with large deep green foliage; very hardy, easily transplanted; changes to a pretty pale yellow in the fall.

4 to 5 ft., whips.	4 50	40 00
5 to 6 ft., "	5 50	50 00
4 to 5 ft., branched.	15 00	140 00
5 to 6 ft., "	19 00	165 00

Schwedleri (Purple Leaf Maple) 40-50 ft.

A perfectly shaped tree. Gleaming red and purplish-green in Mid-summer and in Autumn golden yellow.

4 to 5 ft., whips.	9 00	85 00
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Silver or Soft (dasycarpum) 60-80 ft.

Very hardy, rapid-growing tree. Leaves finely cut, green with whitish color underneath.

5 to 6 ft.	6 50	60 00
6 to 8 ft.	9 50	90 00

Sugar or Hard (saccharum) 50-70 ft.

One of our most beautiful shade trees. Foliage turns bright orange, sometimes scarlet in Autumn.

5 to 6 ft.	14 00	135 00
6 to 8 ft.	22 00	200 00

MOUNTAIN ASH (SORBUS)

European (aucuparia) 20-40 ft.

Smooth bark and dense pyramidal heads; berry clusters are large and bright.

4 to 5 ft.	9 50	90 00
5 to 6 ft.	14 00	125 00
6 to 8 ft.	17 50	160 00

OAK (QUERCUS)

Pin (palustris) 70-80 ft.

A broadly pyramidal tree; the leaves are deep green, glossy and finely divided. Orange-scarlet in Fall. A most desirable shade tree.

5 to 6 ft.	16 50	150 00
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ORNAMENTAL and SHADE TREES—Continued**POPLAR (POPULUS)****Carolina (Norway variety) 70-80 ft.**

	Per 10	Per 100	Per 1000
Bright green foliage, spreading crown, very hardy. Extremely rapid growth.			
5 to 6 ft.	\$ 4 00	\$ 35 00	\$300 00
6 to 8 ft.	5 50	50 00	450 00
8 to 10 ft.	8 00	75 00	700 00
1¼ to 1½ in.	11 00	100 00	-----

Lombardy (nigra italica) 50-60 ft.

Rapid, spire-like growth; fine for screens and formal planting.

5 to 6 ft. low branched.	3 20	28 00	-----
6 to 8 ft. " "	4 50	40 00	350 00
8 to 10 ft. " "	6 00	55 00	500 00
1¼ to 1½ in. " "	7 00	65 00	600 00
1½ to 2 in. " "	8 50	80 00	750 00

PRUNUS (PLUM) Tree and bush forms.**cistena (Hansen's Purple-leaved Plum) (Bush Form)**

(On plum roots) 4-5 ft.

Rich purplish foliage; reddish-brown branches. Very hardy.

	Per 10	Per 100
12 to 18 in.	\$ 4 00	\$ 35 00
18 to 24 in.	5 50	50 00

Persica (Flowering Peach on peach roots) (Tree form) 15-18 ft.

	Per 10	Per 100	Per 1000
2 to 3 ft.	\$ 4 50	\$ 40 00	\$350 00
3 to 4 ft.	5 50	50 00	450 00
4 to 5 ft.	7 50	70 00	650 00
5 to 6 ft.	9 00	85 00	800 00

Cardinal, Double red.

Iceberg, Early snow-white.

Peppermint Stick, Bi-color red and white.

Pink Charming, Double pink.

pissardi rosea (On Plum roots) 10 ft.

Deep bronzy purple foliage, holding its deep purplish red shade, almost black throughout the summer. Completely covered with pink single flowers in spring. A new introduction recently imported from England.

	Per 10	Per 100	Per 1000
2 to 3 ft.	\$ 7 50	\$ 70 00	\$650 00
3 to 4 ft.	9 00	85 00	800 00
4 to 5 ft.	12 00	110 00	-----

pissardi veitchi (On plum or peach roots. Specify choice) 15 ft.

Completely covered in early spring with large clusters of double pink blooms similar to flowering cherry. Bronze colored foliage. Very hardy.

18 to 24 in.	7 00	65 00	-----
2 to 3 ft.	7 50	70 00	650 00
3 to 4 ft.	9 00	85 00	800 00
4 to 5 ft.	12 00	110 00	-----

thundercloud (On plum roots) 20 ft.

The finest of All Purple Leaf Plums. Very hardy.

18 to 24 in.	5 50	50 00	-----
2 to 3 ft.	7 00	65 00	-----
3 to 4 ft.	8 50	80 00	-----
4 to 5 ft.	11 00	100 00	-----

tomentosa, Orient Cherry.

An improved variety, producing an abundance of blooms. Self fertile, produces an abundance of fruit. Flesh of fruit is meaty, juicy with a pleasant subacid flavor. Excellent for eating fresh or for Jams and Jelly.

18 to 24 in.	4 00	35 00	-----
2 to 3 ft.	5 00	45 00	-----

ORNAMENTAL and SHADE TREES—Continued

triloba (Double Flowering Plum) (Bush Form) (On Plum roots) 8-10 ft.
 Per 10 Per 100 Per 1000

Known also as the "Rose Tree of China." One of the finest shrubs; completely covered with pink rose-like flowers in April and May.

18 to 24 in.....	\$ 5 50	\$ 50 00	\$-----
2 to 3 ft.....	7 00	65 00	600 00
3 to 4 ft.....	8 50	80 00	750 00
4 to 5 ft.....	11 00	100 00	-----

—Available on peach roots at 5¢ per plant less than above prices—

REDBUD (CERCIS)

canadensis 20-30 ft.

Produces an abundance of reddish-pink flowers in early Spring! forms a broad head of glossy, heart-shaped leaves that turn pale yellow in Fall.

	Per 10	Per 100	
18 to 24 in.....	\$ 4 00	\$ 35 00	
2 to 3 ft.....	5 00	50 00	

WILLOW (SALIX)

babylonica 40-50 ft.

A large, graceful Willow; bright green foliage, long wavy branches.

	Per 10	Per 100	Per 1000
3 to 4 ft.....	\$ 2 90	\$ 25 00	\$220 00
4 to 5 ft.....	4 00	35 00	300 00
5 to 6 ft.....	6 50	60 00	550 00
6 to 8 ft.....	10 00	90 00	-----

Laurel leaved, Salix pentandra. 30-40 ft.

Hardy upright grower with large, dark green leaves.

2 to 3 ft.....	2 40	20 00	-----
3 to 4 ft.....	3 50	30 00	-----
4 to 5 ft.....	4 50	40 00	-----

Niobe (Golden Weeping) 30-35 ft.

A hardy, graceful weeping tree; light green leaves, golden yellow bark.

3 to 4 ft.....	2 90	25 00	-----
4 to 5 ft.....	4 00	35 00	300 00
5 to 6 ft.....	6 50	60 00	550 00
6 to 8 ft.....	10 00	90 00	-----

Pussy (discolor) 20-25 ft.

Very popular for its gray catkins in early Spring. Small, narrow leaves.

2 to 3 ft.....	3 50	30 00	-----
3 to 4 ft.....	4 50	40 00	-----
4 to 5 ft.....	5 50	50 00	-----

Russian Golden (vitellina) 26-30 ft.

Extremely hardy. One of the most wind-resisting windbreak trees.

4 to 5 ft.....	3 50	30 00	270 00
5 to 6 ft.....	5 50	50 00	450 00
6 to 8 ft.....	10 00	90 00	-----

Wisconsin (blanda) 30-40 ft.

The popular free-barked weeping willow. The effect of its graceful, drooping branches cannot be matched. Hardy.

3 to 4 ft.....	2 90	25 00	-----
4 to 5 ft.....	4 00	35 00	300 00
5 to 6 ft.....	6 50	60 00	550 00
6 to 8 ft.....	9 50	90 00	-----

ORNAMENTAL SHRUBS

Our shrubs are bushy and well rooted, twice transplanted; many of them are graded stronger than is required by the American Nurseryman's Association.

The month indicates the average blooming season; size denotes average height of shrub at maturity if left unsheared.

SHRUBS ARE TIED 9/12 and 12/18 in., 25; 18/24 in., and 2/3 ft., 10; 3/4 and 4/5 ft., 5 per bundle.

ALMOND (AMYGDALUS) (PRUNUS)

Pink Flowering (glandulosa) April-May. 5-6 ft.

A beautiful small shrub, bearing an abundance of small, double, rose-like flowers, closely set upon twigs before the leaves appear.

	Per 10	Per 100	Per 1000
12 to 18 in.	\$ 2 90	\$ 25 00	\$-----
18 to 24 in.	4 00	35 00	300 00
2 to 3 ft.	5 00	45 00	400 00
3 to 3½ ft.	6 00	55 00	-----

ALTHEA (HIBISCUS SYRIACUS) August-September. 10-12 ft.

Large desirable shrub for group and specimen planting, also used for screens.

12 to 18 in.	1 40	12 00	100 00
18 to 24 in.	2 10	18 00	150 00
2 to 3 ft.	2 60	22 00	200 00
3 to 4 ft.	3 20	28 00	250 00

Anemoneflorus, double bright pink.

Boule de Feu, double purplish-red.

Jeanne de Arc, double pure white.

Lucy, very double red.

***Coelestis**, Single blue.

Purpurea Semi-Plena, semi-double clear purple.

Totus Albus, single white.

*Available 18-24 inch, 2-3 ft. and 3-4 ft. grades, 10¢ higher per grade.

BARBERRY (BERBERIS)

Redleaf (thunbergi atropurpurea)

Warm bronze-red foliage, intensified in summer and fall. A brilliant accent shrub; a sunny exposure is necessary for color.

12 to 15 in.	2 40	20 00	180 00
15 to 18 in.	3 20	28 00	250 00
18 to 24 in.	4 00	35 00	320 00
2 to 2½ ft.	5 00	45 00	-----

thunbergi. 4-5 ft.

Hardy shrub, splendid for hedges or massing. Delicate yellow flowers. Brilliant fall foliage followed by scarlet berries in winter.

12 to 15 in.	1 90	16 00	140 00
15 to 18 in.	2 40	20 00	180 00
18 to 24 in.	2 90	25 00	220 00
2 to 2½ ft.	3 50	30 00	270 00

BERBERIS MENTORENSIS

Plant Patent No. 99

(Sun or shade—ultimate height 5 ft.)

Barberry mentorensis is the result of a cross between Barberry Thunbergi and Barberry Juliana. It is a plant with very rugged, strong, upright growing branches and heavy thorns. Its foliage is heavy and thick and of perfect color—a green as dark as the Japanese Yew.

Size	Wholesale Prices Net			Retail Resale Prices		
	Per 10	Per 100	Per 1000	Per 3	Per 12	Per 100
12 to 15 inches	\$4.25	\$30.00	\$-----	\$2.00	\$ 6.00	\$40.00
15 to 18 inches	5.00	37.50	-----	2.60	7.25	50.00
18 to 24 inches	6.00	52.50	-----	3.00	10.00	70.00

ORNAMENTAL SHRUBS—Continued

TRUEHEDGE COLUMNBERRY
Var. Berberis Thunbergi, erecta
Plant Patent No. 110

Recommended for formal hedges, individual specimen shrubs, window boxes, etc. Grows in pyramidal form without pruning. Has dense glossy foliage; valuable for many purposes. For resale at retail only at prices specified herein.

Size	Wholesale Prices Net			Retail Resale Prices			
	Per 10	Per 100	Per 1000	Each	Per 5	Per 25	Per 100
12 to 15 inches.....	\$2.80	\$23.00	\$210.00	\$.60	\$2.25	\$10.00	\$36.00
15 to 18 inches.....	3.50	30.00	270.00	.70	2.85	12.50	45.00
18 to 24 inches.....	4.50	37.00	340.00	.90	3.50	15.00	55.00

BUCKTHORN (RHAMNUS)

cathartica (Common) June. 6 ft.

Per 10 Per 100 Per 1000

Attractive ovate, dark green leaves, smaller, white flowers; black berries. Used extensively for hedging in the north.

18 to 24 in.....	\$ 1 90	\$ 16 00	\$-----
2 to 3 ft.....	2 60	22 00	200 00
3 to 4 ft.....	4 00	35 00	-----

BUTTERFLY BUSH (BUDDLEIA) Perennial Shrub. July-September. 4-5 ft.

Medium	2 60	22 00	200 00
No. 1	3 20	28 00	250 00

Charming, 5-6 ft. Unusually large compact spikes of pink flowers with lavender cast; blooms all summer. A striking plant in any landscape.

Dubonnet, 4-5 ft.

The new red Butterfly Bush. Beautiful wine-red flowers with large individual florets. A gorgeous cut flower.

Farquhar, 5-6 ft.

Lavender pink flowers with orange center; fragrant.

Hartwegi, 4-5 ft.

Flowers bright lavender, foliage dark green. Compact

Ile de France, dark claret-purple. Long spikes; free-flowering and vigorous grower. Bloom profusely.

Red Glory

A distinctly red Buddleia. Blooms over a long period. Dark green foliage.

PATENTED BUDDLEIA**EMPIRE BLUE**

Patent No. 557

An incomparable blue Buddleia. A delightful shade of blue combining an Aster blue with delicate lilac tone.

	Per 10	Per 100	Per 1000
No. 1 Dormant, field grown plants.....	\$ 4 00	\$ 35 00	\$300 00
(Retail 75¢ each, \$7.50 per doz.)			

PEACE

Patent No. 705

A pure white Buddleia. Produces graceful and slightly arching well formed flowers 12 to 16 inches long. Produce abundantly summer and fall until frost. Rugged plants grow to about 6 feet in height.

	Per 10	Per 100	Per 1000
Strong pot plants. Spring Only.....	\$ 5 50	\$ 45 00	\$-----
(Retail \$1.00 each, \$8.50 per doz.)			

ORNAMENTAL SHRUBS—Continued

PATENTED BUDDLEIA—Continued

PURPLE PRINCE

Patent No. 706

The unusual, immense broad lilac-like spikes are a rich, iridescent imperial purple which actually sparkle in the sunlight. Each tiny flower has a brilliant golden orange eye. The base of the flower spikes are at least twice as wide as that of any other variety. Flowers are produced in profusion throughout the summer and fall on rugged plants. An outstanding variety in every sense of the word.

	Per 10	Per 100	Per 1000
Strong pot plants. Spring Only.....	\$ 5 50	\$ 45 00	\$. . .
(Retail \$1.00 each, \$8.50 per doz.)			

WHITE PROFUSION

Patent No. 786

A new dwarf Buddleia, growing not over 3 feet tall and about the same in diameter. Forms a green mound literally covered with a hundred or more short-stemmed flower spikes of pure white. Blooms from early August until October. Perfect for perennial border.

	Per 10	Per 100	Per 1000
No. 1 Dormant, field grown plants.....	\$ 5 50	\$ 45 00	\$ -----
(Retail \$1.00 each, \$8.50 per doz.)			

CALYCANTHUS (SWEET SCENTED SHRUB)

Floridus. June-July. 4-5 ft.

Per 10 Per 100 Per 1000

A hardy symmetrical shrub with dark green foliage and chocolate-colored flowers; very fragrant. Thrives well in shady locations.

12 to 18 in.	\$ 3 50	\$ 30 00	\$
18 to 24 in.	4 50	40 00	-- . . .

CORNUS (DOGWOOD)

alba siberica (Coral Dogwood) April-May. 8-10 ft.

Stout, erect, bright red branches; white flowers, porcelain-blue berries.

12 to 18 in.	\$ 2 40	\$ 20 00	\$ -----
18 to 24 in.	3 20	28 00	250 00
2 to 3 ft.	4 50	40 00	350 00
3 to 4 ft.	5 50	50 00	450 00

Florida (White Flowering Dogwood) July. 12-15 ft.

Large spreading shrub or small tree, produces large single white flowers; red fruit in autumn. Glossy green foliage turns to many shades of red in fall.

18 to 24 in.	8 00	75 00	-----
2 to 3 ft.	11 00	100 00	-----
3 to 4 ft.	16 50	150 00	-----

Florida Rubra (Red Flowering Dogwood) May. 12-15 ft.

Beautiful single, deep pink flowers give this well shaped tree an unusual effect. Blooms in early spring. Thrives in sun or partial shade.

18 to 24 in. Bare root.....	14 00	100 00	-----
2 to 3 ft. Wrapped in moss and burlap.....	22 00	175 00	-----
3 to 4 ft. " " " " "	30 00	275 00	-----

stolonifera (Redosier Dogwood) May-June. 6-8 ft.

Spreading but erect growing; white flowers and berries; dark red bark.

12 to 18 in.	2 40	20 00	-----
18 to 24 in.	3 20	28 00	-----
2 to 3 ft.	4 50	40 00	-----
3 to 4 ft.	5 50	50 00	-----

ORNAMENTAL SHRUBS—Continued

CORNUS (DOGWOOD)—Continued

stolonifera lutea (Gold Twig Dogwood) 6-8 ft. Per 10 Per 100 Per 1000

A striking yellow-branched form of *Stolonifera*; of high decorative value.

12 to 18 in.....	\$ 2 40	\$ 20 00	\$-----
18 to 24 in.....	3 20	28 00	250 00
2 to 3 ft.....	4 50	40 00	350 00
3 to 4 ft.....	5 50	50 00	-----

Variegated, *gouchaulti* (Elegantissima) Silverblotch Dogwood. 6-8 ft.

Silver Variegated leaves, bright red bark. Very attractive.

12 to 18 in.....	4 00	35 00	-----
18 to 24 in.....	5 50	50 00	-----
2 to 3 ft.....	8 50	75 00	-----
3 to 4 ft.....	9 50	85 00	-----

CRANBERRY, Highbush (See *Viburnum*)CREPE MYRTLE (*Lagerstroemias Indica*) 15-20 ft.

The summer blooming shrub of the South. Attractive deep green leaves and masses of crepe-like flowers from July through September.

12 to 18 in.....	2 10	18 00	-----
18 to 24 in.....	2 90	25 00	-----
2 to 3 ft.....	3 50	30 00	-----

Pink
Purple

Watermelon Red
White

CYDONIA (CHAENOMELES) (FLOWERING QUINCE)

japonica (Japanese Flowering Quince) March-April. 5-6 ft.

Clusters of orange-scarlet flowers; spicily fragrant rounded fruits. Dark shiny foliage; bushy, dense growth. Cutting grown.

12 to 18 in.....	2 40	20 00	180 00
18 to 24 in.....	3 20	28 00	250 00
2 to 3 ft.....	4 00	35 00	300 00

japonica rubra (True Red Flowering Quince) March-April. 5-6 ft.

An improved strain which produces true bright red flowers. A distinct improvement on the common *japonica*. Non-fruiting.

12 to 18 in.....	3 50	30 00	270 00
18 to 24 in.....	4 00	35 00	320 00

DEUTZIA

Lemoine, lemoinei Deutzia. 5-6 ft.

Large white showy flowers in May. Quite hardy.

12 to 18 in.....	3 50	30 00	270 00
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Pride of Rochester. May. 8-10 ft.

A tall, broad-topped bush, double white flowers tinged pink.

12 to 18 in.....	1 40	12 00	100 00
18 to 24 in.....	2 00	17 00	150 00
2 to 3 ft.....	4 00	35 00	300 00
3 to 4 ft.....	5 00	45 00	400 00

ELDER (SAMBUCUS)

Golden American (*canadensis aurea*) June-July. 8-10 ft.

Hardy rapid-growing shrub; broad, golden-yellow leaves, tiny white blooms.

12 to 18 in.....	2 10	18 00	160 00
18 to 24 in.....	2 90	25 00	220 00
2 to 3 ft.....	4 00	35 00	300 00

ORNAMENTAL SHRUBS—Continued**EUONYMUS Japonicus (Evergreen Burningbush).**

Per 10 Per 100 Per 1000

Upright dense grower. Thick, shiny, oval leaves. Not recommended where temperature falls below zero.

12 to 18 in. Bareroot	\$ 4 50	\$ 40 00	\$.....
18 to 24 in. Bareroot	6 50	60 00	.....

patens, (Spreading Euonymus)

Graceful spreading, upright grower; glossy green foliage, almost evergreen; scarlet berries. Semi-hardy.

15 to 18 in. Bareroot	5 00
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yedoensis, Yeddo Euonymus. 10-12 ft.

Large shrub with masses of pink and orange four lobed fruit.

12 to 18 in.	2 40	20 00	.....
18 to 24 in.	3 50	30 00	.....
2 to 3 ft.	4 50	40 00	.....

FORSYTHIA (GOLDEN BELL)**fortunei (Fortune Forsythia) April. 6-8 ft.**

A large, upright shrub with slightly drooping branches, golden yellow flowers.

12 to 18 in.	2 40	20 00	180 00
18 to 24 in.	3 20	28 00	250 00
2 to 3 ft.	4 50	40 00	350 00
3 to 4 ft.	5 50	50 00	.....

intermedia (Border Forsythia) April. 6-8 ft.

One of the most floriferous varieties; slender arching branches; dark green, lustrous leaves. Bright golden yellow flowers in early Spring.

12 to 18 in.	2 40	20 00	180 00
18 to 24 in.	3 20	28 00	250 00
2 to 3 ft.	4 50	40 00	350 00
3 to 4 ft.	5 50	50 00	.....

intermedia spectabilis (Showy Border Forsythia) April. 6-8 ft.

Hardest of all Forsythias. Very profuse bloomer; rich yellow flowers.

12 to 18 in.	2 40	20 00	180 00
18 to 24 in.	3 20	28 00	250 00
2 to 3 ft.	4 50	40 00	350 00
3 to 4 ft.	5 50	50 00	.....

FORSYTHIA SPRING GLORY

A new Forsythia which is, without doubt, the loveliest of all Forsythias. Its large pale yellow flowers completely cover the branches. The pale yellow is very brilliant and attractive.

12 to 18 in.	2 90	25 00	.....
18 to 24 in.	4 00	35 00	.....

HAMAMELIS, Virginiana, Witchhazel. 12-15 ft.

Succeeds in moist places with partial shade. Yellow flowers late autumn.

12 to 18 in.	2 90	25 00	.....
18 to 24 in.	4 00	35 00	.....
2 to 3 ft.	5 00	45 00	.....

HEDGING (See Pages**HONEYSUCKLE (LONICERA)****grandiflora rosea (Bride Honeysuckle) April-May. 12-15 ft.**

Rose-pink flowers in abundance, green rounded foliage. Upright growth.

12 to 18 in.	2 40	20 00	180 00
18 to 24 in.	3 20	28 00	250 00
2 to 3 ft.	4 50	40 00	350 00
3 to 4 ft.	5 50	50 00	450 00

ORNAMENTAL SHRUBS—Continued

HONEYSUCKLE (LONICERA)—Continued**morrowi** (Morrow Honeysuckle) May-June. 5-6 ft. Per 10 Per 100 Per 1000

Yellowish-white flowers, followed by red fruit. Broad-spreading growth.

12 to 18 in.....	\$ 2 10	\$ 18 00	\$.....
18 to 24 in.....	2 90	25 00	220 00
2 to 3 ft.....	4 00	35 00	.....

Tatarian Pink (*tatarica rosea*) April-May. 10-12 ft.

The well-known pink-flowering Honeysuckle; hardy vigorous grower; red fruit; popular.

12 to 18 in.....	2 40	20 00	180 00
18 to 24 in.....	3 20	28 00	250 00
2 to 3 ft.....	4 50	40 00	350 00
3 to 4 ft.....	5 50	50 00	450 00

Tatarian Red (*tatarica rubra*) April-May. 10-12 ft.

A hardy and vigorous shrub. Rosy-pink flowers followed by bright red fruit.

12 to 18 in.....	2 40	20 00	180 00
18 to 24 in.....	3 20	28 00	250 00
2 to 3 ft.....	4 50	40 00	350 00
3 to 4 ft.....	5 50	50 00	450 00

Tatarian White (*tatarica alba*) April-May. 10-12 ft.

White to creamy-white flowers; upright growth. Red berries.

12 to 18 in.....	2 40	20 00	180 00
18 to 24 in.....	3 20	28 00	250 00
2 to 3 ft.....	4 50	40 00	.....

zabeli, Zabel Honeysuckle, 8-10 ft.

Generally accepted as the best of the improved strains of Red Tatarian Honeysuckle. Flowers are true red. Very hardy.

12 to 18 in.....	2 40	20 00	.....
18 to 24 in.....	3 20	28 00	.....
2 to 3 ft.....	4 50	40 00	.....
3 to 4 ft.....	5 50	50 00	.....

HYDRANGEA**arborescens grandiflora** (Hills of Snow) June-July. 4-5 ft.

Large flat heads of double snow-white flowers which remain for four or five weeks; large rounded leaves. Thrives in shaded locations.

12 to 18 in.....	3 20	28 00	250 00
18 to 24 in.....	4 50	40 00	350 00
2 to 3 ft.....	5 50	50 00	450 00
3 to 4 ft.....	6 50	60 00	550 00

paniculata grandiflora (Peegee Hydrangea) 6-8 ft.

Enormous trusses of double white flowers changing in late Autumn to shades of pink and bronze. Responds to close pruning and fertilization.

12 to 18 in.....	3 20	28 00	250 00
18 to 24 in.....	4 50	40 00	350 00
2 to 3 ft.....	5 50	50 00	450 00
3 to 4 ft.....	6 50	60 00	550 00

HYPERICUM aureum (St. John's Wort) July-August. 3-4 ft.

Stiff, dense habit; foliage bluish; flowers golden yellow. Prefers moist soil. Will endure part shade.

12 to 18 in.....	2 50	22 00	200 00
18 to 24 in.....	3 50	30 00	270 00
2 to 3 ft.....	4 50	40 00	.....

ORNAMENTAL SHRUBS—Continued

ILEX verticillata, Winterberry. 6-8 ft.		Per 10	Per 100	Per 1000
Bright red berries which remain until midwinter.				
12 to 18 in.	\$ 3 20	\$ 28 00	\$	-----
18 to 24 in.	4 50	40 00		-----

KOLKWITZIA amabilis, Beauty Bush. 6-8 ft.

A graceful shrub, covered with small pink flowers in May.

12 to 18 in.	3 50	30 00	270 00
18 to 24 in.	5 00	45 00	400 00
2 to 3 ft.	6 00	55 00	500 00

LILAC (SYRINGA)**Common Purple (vulgaris) April-May. 12-15 ft.**

The standard old-fashioned garden variety; single bluish-purple flowers.

Thrives well in partial shade.

12 to 18 in.	2 10	18 00	160 00
18 to 24 in.	3 50	30 00	270 00
2 to 3 ft.	4 00	35 00	320 00

Common White, (vulgaris alba) 12-15 ft.

Hardy, vigorous shrub. Attractive foliage, single white flowers.

12 to 18 in.	2 90	25 00	-----
18 to 24 in.	4 50	40 00	-----

Josikaea (Hungarian) June. 8-10 ft.

A distinct species; tree-like growth; dark green leaves; purple flowers.

12 to 18 in.	3 20	28 00	-----
18 to 24 in.	4 00	35 00	-----
2 to 3 ft.	5 00	45 00	-----

Persian Purple (persica) April-May. 8-10 ft.

Slender arching branches, small leaves and lilac flowers.

12 to 18 in.	2 90	25 00	-----
18 to 24 in.	4 00	35 00	-----
2 to 3 ft.	5 00	45 00	-----
3 to 4 ft.	6 50	60 00	-----

rothomagensis (chinensis) April-May. 8-10 ft.

Upright, vigorous growth, slender branches; reddish-lilac flowers in broad panicles. Free-flowering and hardy.

12 to 18 in.	2 90	25 00	-----
18 to 24 in.	4 00	35 00	-----
2 to 3 ft.	5 00	45 00	-----
3 to 4 ft.	6 50	60 00	-----

LILAC (Syringa)**French Lilacs. Named varieties. April-May. 8-15 ft.**

These marvelous products of selection are rapidly becoming the most popular flowering shrub, being used as specimens, ornamental clumps, screens, and for hedges. There are now both double and single flowering varieties, many usual shades and color blends.

	Per 10	Per 100	Per 1000
12 to 18 in.	4 00	35 00	-----
18 to 24 in.	5 50	50 00	-----

Belle de Nancy, great panicles of double satiny rose blooms; white center.**Congo**, great panicles of dark wine-red flowers; distinct and superb.**Ellen Willmott**, immense panicles of double flowers and florets of creamy white.**Hugo Koster**, single lilac tinged red, large trusses.**Jean Mace**, double. Produces immense, full panicles, bluish mauve.**Katharine Havemeyer**, a choice early variety; double deep blue panicles.**Ludwig Spaeth**, single dark purplish-red, long panicles.**Michel Buchner**, dwarf and stocky; double delicate lilac flowers.**Mme. Casimir Perier**, double white flowers in compact clusters; free-flowering.**President Grevy**, double, clear soft, delicate blue flowers; large panicles.**President Lincoln**, clear, rich blue flowers with large, fragrant florets. New.

ORNAMENTAL SHRUBS—Continued

PHILADELPHUS (MOCK ORANGE, SYRINGA)

Bouquet Blanc. May-June. 4-5 ft.

Per 10 Per 100 Per 1000

Close-set branches of fragrant double white flowers; rich green foliage.

12 to 18 in.....	\$ 2 90	\$ 25 00	\$-----
18 to 24 in.....	4 00	35 00	-----

coronarius (Sweet Mock Orange) May-June. 8-10 ft.

The old fashioned sweet-scented Mock Orange; free-flowering and vigorous.

12 to 18 in.....	2 10	18 00	160 00
18 to 24 in.....	2 90	25 00	220 00
2 to 3 ft.....	4 00	35 00	300 00
3 to 4 ft.....	5 00	45 00	400 00

grandiflorus (Scentless Mock Orange) May-June. 10-12 ft.

Large scentless white flowers in clusters; branches somewhat straggling.

12 to 18 in.....	2 10	18 00	160 00
18 to 24 in.....	2 90	25 00	220 00
2 to 3 ft.....	4 00	35 00	300 00
3 to 4 ft.....	5 00	45 00	400 00

lemoinei (Lemoine's Mock Orange) May-June. 4-5 ft.

A free-flowering semi-dwarf variety; compact growth. Sweet scented.

12 to 18 in.....	2 60	22 00	200 00
18 to 24 in.....	3 50	30 00	-----

Virginal May-June. 7-8 ft.

Semi-double, fragrant white flowers, much larger than any other variety. Blooms intermittently all summer.

12 to 18 in.....	3 50	30 00	270 00
18 to 24 in.....	4 50	40 00	350 00
2 to 3 ft.....	5 50	50 00	450 00

PHYSOCARPUS (NINEBARK)

opulifolius nana (Dwarf Ninebark) May-June. 4-5 ft.

A valuable, hardy, low-growing shrub. Dwarf form, dense growth. White flowers followed by small red seed pods.

12 to 18 in.....	2 10	18 00	160 00
18 to 24 in.....	2 90	25 00	220 00
2 to 3 ft.....	4 00	35 00	300 00
3 to 4 ft.....	5 00	45 00	400 00

PRIVET (LIGUSTRUM)

Amur River North (amurense) June. 8-12 ft.

Vigorous, upright growth; white flowers followed by black berries. Hardy.

	Per 100	Per 1000
9 to 12 in.....	\$ 5 00	\$ 45 00
12 to 18 in., 2 canes and up.....	7 00	60 00
12 to 18 in., 3 " " ".....	8 00	70 00
18 to 24 in., 2 " " ".....	8 00	70 00
18 to 24 in., 3 " " ".....	10 00	90 00
2 to 3 ft., 2 and 3 canes and up.....	10 00	90 00
2 to 3 ft., 4 canes and up.....	14 00	120 00
3 to 4 ft., 4 " " ".....	16 00	140 00
3 to 4 ft., 5 " " ".....	18 00	160 00

California (ovalifolium) June-July. 8-12 ft.

9 to 12 in., branched.....	4 00	35 00
12 to 18 in., 3 canes and up.....	5 60	50 00
18 to 24 in. 3 " " ".....	8 50	75 00
2 to 3 ft., 4 canes and up.....	10 00	90 00

ORNAMENTAL SHRUBS—Continued

PRIVET (LIGUSTRUM)—Continued

ibolium (Hardy California) June-July. 6-8 ft.

Per 100 Per 1000

Very similar to, but much hardier than California Privet, not as evergreen.

9 to 12 in.....	\$ 4 50	\$ 40 00
12 to 18 in., 3 canes and up.....	7 00	60 00
18 to 24 in., 3 " " ".....	8 50	75 00
2 to 3 ft., 4 " " ".....	10 00	90 00

Ibota vicari, Hardy Golden Ibota Privet. 3-6 ft.

New hardy privet that carries golden-yellow leaves, providing a wealth of interesting contrasts from early spring until late fall. Develops a neat compact shrub that can be trimmed into any shape. Suitable for use as an individual shrub, or for hedging.

	Per 10	Per 100	Per 1000
12 to 15 in.....	\$ 2 50	\$ 22 00	\$-----
15 to 18 in.....	3 50	30 00	-----
18 to 24 in.....	4 50	40 00	-----

Regel (regelium) 6-8 ft.

Low, dense growth, horizontal, spreading branches, berries remain all winter.

	Per 100	Per 1000
12 to 18 in.....	\$ 22 00	\$200 00
18 to 24 in.....	35 00	300 00
2 to 2½ ft.....	45 00	400 00

Thompson's (thompsoni)

Rapid-growing; bushy; very desirable.

12 to 18 in.....	8 00	70 00
18 to 24 in.....	10 00	90 00
2 to 3 ft.....	14 00	120 00

PRUNUS, Ornamental Plums. (See Deciduous Trees)**QUINCE JAPONICA. (See Cydonia)****RHODOTYPOS (JETBEAD)****kerrioides (White Kerria) April-May. 4-5 ft.**

White flowers, followed by black fruits; does well in shaded places; excellent for mass planting where a low growth is desired.

	Per 10	Per 100	Per 1000
12 to 18 in.....	\$ 3 20	\$ 28 00	\$-----
18 to 24 in.....	4 50	40 00	-----
2 to 3 ft.....	5 50	50 00	-----

RHUS (SUMAC)**Cut Leaf (typhina laciniata) 8-10 ft.**

Finely dissected leaves that turn a brilliant red in Fall. Very ornamental.

12 to 18 in.....	2 10	18 00	160 00
18 to 24 in.....	2 90	25 00	220 00
2 to 3 ft.....	4 00	35 00	300 00
3 to 4 ft.....	5 00	45 00	400 00

Smooth (glabra) 6-10 ft.

Dwarf habit; rich Autumn coloring; red seeds in clusters.

12 to 18 in.....	1 70	14 00	-----
18 to 24 in.....	2 50	22 00	-----
2 to 3 ft.....	3 20	28 00	-----

Staghorn (typhina) June-July. 12-20 ft.

Flowers green, borne in dense terminal panicles; red berries and foliage in Autumn. Thrives in poor, rock soil.

12 to 18 in.....	1 90	16 00	-----
18 to 24 in.....	2 60	22 00	200 00
2 to 3 ft.....	3 20	28 00	250 00
3 to 4 ft.....	4 50	40 00	-----

ORNAMENTAL SHRUBS—Continued

SPIREA

Anthony Waterer. June-September. 3-3½ ft. Per 10 Per 100 Per 1000

Very dwarf; free-flowering. Produces flat rose-red flower heads.

12 to 15 in.....	\$ 2 90	\$ 25 00	\$-----
15 to 18 in.....	3 50	30 00	-----
18 to 24 in.....	4 00	35 00	-----

arguta (Garland) April-May. 5-6 ft.

Small, fern-like foliage; slender branches; minute pure white flowers.

12 to 18 in.....	2 60	22 00	-----
18 to 24 in.....	3 50	30 00	-----
2 to 3 ft.....	4 50	40 00	-----

billardi Pink. July-September. 5-6 ft.

Strong growth. Dull green foliage, dense panicles of lilac-pink flowers.

12 to 18 in.....	2 10	18 00	160 00
18 to 24 in.....	2 90	25 00	220 00
2 to 3 ft.....	4 00	35 00	300 00
3 to 4 ft.....	5 00	45 00	400 00

SPIREA BLUE MIST (Caryopteris) 18-24 inch.

Low growing shrub covered with numerous clusters of powdery blue, fringed flowers from August to frost. The foliage is lanceolate and slightly toothed and silvery green in color. Hardy.

	Per 10	Per 100	Per 1000
Medium	\$ 2 40	\$ 20 00	\$-----
No. 1	3 20	28 00	-----

froebeli (Froebel) May-June. 3-4 ft.

Dwarf growth, vigorous and very hardy; large flat heads of rose-pink flowers. Foliage turns brilliant red in Autumn.

	Per 10	Per 100	Per 1000
12 to 18 in.....	\$ 2 10	\$ 18 00	\$160 00
18 to 24 in.....	2 90	25 00	220 00
2 to 2½ ft.....	3 50	30 00	270 00

opulifolia (See Physocarpus opulifolius)

opulifolia aurea (See Physocarpus opulifolius aureus)

opulifolia nana (See Physocarpus opulifolius nana)

thunbergi (Thunberg Spirea) April. 3-4 ft.

Light green foliage; pure white flowers. Resembles Arguta but branches are arched; the plant is more dwarf. Foliage turns to orange-red in Autumn.

12 to 18 in.....	2 40	20 00	180 00
18 to 24 in.....	3 20	28 00	250 00
2 to 2½ ft.....	4 00	35 00	300 00
2½ to 3 ft.....	4 50	40 00	-----

vanhoutte April-May. 5-6 ft.

A most desirable shrub for hedges, base planting and mass planting; gracefully arching branches; fragrant white flowers in clusters.

12 to 18 in.....	1 70	14 00	120 00
18 to 24 in.....	2 10	18 00	160 00
2 to 3 ft.....	2 90	25 00	220 00
3 to 4 ft.....	3 20	28 00	-----

ORNAMENTAL SHRUBS—Continued

SYMPHORICARPOS (SNOWBERRY)

Per 10 Per 100 Per 1000

chenaulti (Improved Coralberry) June-July. 4-5 ft.

Small white fruit with red dots; a hybrid originating in the Arnold Arboretum.

12 to 18 in.....	\$ 1 90	\$ 16 00	\$140 00
18 to 24 in.....	2 50	22 00	200 00

racemosus (Common White Snowberry) June-July. 3-5 ft.

A fine general-purpose shrub; adapted to shady locations; maintains a good green foliage. Pink flowers, white berries.

12 to 18 in.....	1 60	14 00	120 00
18 to 24 in.....	2 10	18 00	160 00
2 to 3 ft.....	2 90	25 00	220 00

vulgaris (Indiancurrant; Coralberry) June-July. 4-6 ft.

A hardy native shrub; pink flowers, purplish-red berries in bunches.

12 to 18 in.....	1 60	14 00	120 00
18 to 24 in.....	2 10	18 00	160 00
2 to 3 ft.....	2 90	25 00	220 00

TAMARIX

12 to 18 in.....	2 10	18 00	160 00
18 to 24 in.....	2 90	25 00	220 00
2 to 3 ft.....	4 00	35 00	300 00

africana. May. 10-12 ft.

Slender spreading branches, reddish brown bark, pink flowers.

amurensis (Amur Tamarix) August-September. 8-10 ft.

Purple branches, graceful foliage. Thrives in dry soil.

hispida (Kashgar Tamarix) August-September. 12-15 ft.

Slow, compact, upright growth; long panicles of bright pink flowers.

tetandra purpurea. May-June. 10-12 ft.

Vigorous growth, bright green foliage, pink flowers. Very hardy.

NOTE: Tamarix should be cut to the ground when planted. If this is not done, it is doubtful that plants will grow.

VIBURNUM burkwoodi, Improved Carlesi. May. 5 ft.

The evergreen Viburnum Carlesi. Flowers are white and delightfully fragrant, as much as 3½ inches across. Leaves are small and shiny. Vigorous grower.

12 to 15 in.....	14 00	120 00	-----
15 to 18 in.....	17 00	150 00	-----

carlesi, Mayflower Viburnum. May. 5 ft.

Waxy white delightfully fragrant flowers are produced in early spring as the leaves are unfolding. Very hardy, does well in light shade as well as in full sun.

12 to 15 in.....	14 00	120 00	-----
15 to 18 in.....	17 00	150 00	-----

dentatum, Arrowhead. April-May. 10-12 ft.

Attractive foliage, white flowers, followed by bluish-black fruit.

12 to 18 in.....	2 40	20 00	-----
18 to 24 in.....	3 50	30 00	-----
2 to 3 ft.....	4 50	40 00	-----
3 to 4 ft.....	5 50	50 00	-----

opulus, European Cranberrybush (Highbush Cranberry). 10-12 ft.

Well known hardy shrub, single white flowers in April-May, followed by scarlet fruit hanging on until spring.

12 to 18 in.....	3 20	28 00	-----
18 to 24 in.....	4 50	40 00	-----

ORNAMENTAL SHRUBS—Continued

Per 10 Per 100 Per 1000

opulus sterile, Common Snowball. April-May. 10-12 ft.

Popular shrub. Blooms profusely. Large double white flowers.

12 to 18 in.....	\$ 3 50	\$ 30 00	\$ -----
18 to 24 in.....	5 00	45 00	-----
2 to 3 ft.....	6 00	55 00	-----

VITEX macrophylla (Big-leaved Chaste Tree). July to frost. 5-6 ft.

Semi-dwarf flowers lavender-blue. Hardy.

12 to 18 in.....	2 60	22 00	-----
18 to 24 in.....	3 20	28 00	-----
2 to 3 ft.....	4 00	35 00	-----
3 to 4 ft.....	5 00	45 00	-----

WEIGELA BRISTOL RUBY

Plant Patent No. 492

Improved Weigela Eva Rathke hardier and more thrifty. Large soft ruby-red flowers, shading to garnet crimson.

	Per 10	Per 100	Per 1000
18 to 24 in.....	5 00	40 00	-----
2 to 3 ft.....	7 00	60 00	-----
3 to 4 ft.....	9 00	80 00	-----

WEIGELA (DIERVILLA)**Dwarf Variegated, nana variegata. May-June. 5 ft. Per 10 Per 100 Per 1000**

Growth dwarf, compact, variegated leaves. Light pink flowers.

12 to 18 in.....	\$ 2 50	\$ 22 00	\$200 00
18 to 24 in.....	3 50	30 00	270 00

Eva Rathke (Red Flowering Weigela) May-June. 4-5 ft.

Attractive foliage; clear ruby red trumpet-shaped flowers over long season.

12 to 18 in.....	3 20	28 00	250 00
18 to 24 in.....	4 50	40 00	350 00
2 to 3 ft.....	5 50	50 00	450 00
3 to 4 ft.....	6 50	60 00	-----

floribunda (Crimson Weigela) May-June. 6-8 ft.

Lighter red flowers than Eva Rathke, but a much stronger grower.

12 to 18 in.....	2 60	22 00	200 00
18 to 24 in.....	3 50	30 00	270 00

Hendersoni. May-June. 6-8 ft.

One of the hardiest varieties of Weigela. A splendid shrub; produces quantities of light crimson flowers.

12 to 18 in.....	2 40	20 00	180 00
18 to 24 in.....	3 20	28 00	250 00

Newport Red. 6-7 ft.

New ruby-red Weigela recommended for its hardiness and habit of growth, making a well formed plant.

12 to 18 in.....	3 20	28 00	-----
18 to 24 in.....	4 50	40 00	-----

rosea, (florida) Pink Weigela. May-June. 6-8 ft.

Popular shrub with beautiful showy pink flowers.

12 to 18 in.....	2 40	20 00	180 00
18 to 24 in.....	3 20	28 00	250 00
2 to 3 ft.....	4 50	40 00	350 00
3 to 4 ft.....	5 50	50 00	-----

CLIMBING VINES

Tied, 2 year Medium, 25; 2 year No. 1, 10; 3 year, 5 per bundle.

AMPELOPSIS

Per 10 Per 100 Per 1000

engelmanni (Engelmann Creeper) 30-40 ft.

Self-clinging woodbine. Very hardy. Dark green five-lobed leaves turning brilliant crimson in Fall; Blue-black fruit.

2 year, Medium	\$ 2 40	\$ 20 00	\$180 00
2 " No. 1	2 90	25 00	220 00

veitchi (Tricuspidata) Boston Ivy 40-50 ft.

Dark green, usually three-lobed leaves; will cling perfectly to the smoothest surfaces. Changes to shades of yellow, orange and scarlet in Autumn. When once established, it is quite hardy.

2 year, Medium	3 20	28 00	-----
2 " No. 1	4 00	35 00	-----

BIGNONIA**radicans (Trumpet Creeper) July-August. 20-30 ft.**

A robust, woody fern-leaf vine; twining tightly with numerous roots along its stems; trumpet-shaped orange-scarlet flowers in clusters.

2 year, Medium	2 40	20 00	180 00
2 " No. 1	2 90	25 00	220 00

CELASTRUS**scandens (American Bittersweet) 20-25 ft.**

Light green, glossy foliage; large clusters of orange-scarlet fruit in graceful sprays retained throughout the winter.

2 year, Medium	2 10	18 00	-----
2 " No. 1	2 90	25 00	-----

CLEMATIS**Paniculata (Sweet Autumn)**

A valuable climber literally covered with white fragrant flowers in September.

2 year, Medium	3 20	28 00	-----
2 " No. 1	4 00	35 00	-----
3 " No. 1	4 50	40 00	-----

HEDERA—helix gracilis, Baltic Ivy

Identical in habit with English Ivy, but with foliage not as large and more cut; Perfectly hardy and a splendid evergreen vine on walls with north or west exposures; also an excellent ground cover.

2½ inch pot plants	1 60	14 00	-----
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HONEYSUCKLE (LONICERA)**Gold Flame. May until Frost. 15-20 ft.**

Flowers flame-coral, inside clear yellow, produced in clusters.

2 year, No. 1	4 50	40 00	350 00
2 " Medium	3 70	32 00	280 00

Hall's Japan (Japonica Halliana) July-October. 20-25 ft.

Fragrant, pure white flowers, changing to yellow; almost evergreen.

2 year, Medium	1 80	15 00	130 00
2 " No. 1	2 20	19 00	160 00

Scarlet Trumpet (Sempervirens) May-August. 10-25 ft.

A half-climbing shrub; dark green foliage, orange-scarlet tubular flowers.

2 year, Medium	2 40	20 00	180 00
2 " No. 1	2 90	25 00	220 00

ORNAMENTAL VINES—Continued

HONEYSUCKLE (LONICERA)—Continued

Per 10 Per 100 Per 1000

Summer King (Heckrotti) May until Frost. 15-20 ft.

Large fragrant flame-red trumpets lined with gold and rose are produced in immense showy clusters; blooming from early summer until frost. The blooms are produced the same year the plant is set out. Foliage, dark blue-green, disease and pest-free.

2 year, Medium	\$ 3 70	\$ 32 00	\$280 00
2 " No. 1	4 20	40 00	350 00

POLYGONUM auberti**(Silver Lace Vine; Chinese Fleecevine) July-September. 25-30 ft.**

A fast-growing, twining vine; light green leaves, fleecy white flowers.

2 year, Medium	3 50	30 00	270 00
2 " No. 1	4 00	35 00	300 00

WISTERIA**American (frutescens) June-July. 20-25 ft.**

Dark green foliage, short racemes of lilac-purple flowers. Rapid growth.

2 year, Medium	2 40	20 00	180 00
2 " No. 1	2 90	25 00	220 00

Chinese Blue (sinensis) May. 30-40 ft.

Long, attractive drooping clusters of pea-shaped flowers.

2 year, Medium	2 40	20 00	180 00
2 " No. 1	2 90	25 00	220 00

Chinese White (sinensis alba) May. 30-40 ft.

White form of above.

2 year, Medium	2 40	20 00	-----
2 " No. 1	2 90	25 00	-----

Multijuga Pink, Japanese Wisteria. May. 40-50 ft.

Beautiful pink flowers in long clusters.

2 year, Medium Grafts	3 50	30 00	-----
2 " No. 1 "	4 50	40 00	-----



HEDGING

Lighter grade than regular shrub grade; strong hedging grade.

BARBERRY, (BERBERIS)**thunbergi (Japanese Barberry)**

	Per 100	Per 1000
9 to 12 in., 1 year seedlings	\$ 3 50	\$ 30 00
9 to 12 in., 2 year seedlings, branched	5 60	50 00
12 to 18 in., 2 and 3 year seedlings, branched	8 00	70 00
18 to 24 in., 2 and 3 year seedlings, branched	10 00	90 00

CARAGANA arborescens (Siberian Pea Tree)

6 to 12 in.	2 10	18 00
12 to 18 in.	3 20	28 00
18 to 24 in.	4 50	40 00
2 to 3 ft.	6 50	55 00

HONEYSUCKLE (Lonicera)**Tatarian—Pink, Red, White**

9 to 12 in.	7 00	60 00
12 to 18 in.	8 50	75 00
18 to 24 in.	12 00	100 00
2 to 3 ft.	15 00	130 00

MULBERRY (MORUS) Russian, tatarica

6 to 12 in.	\$ 1 20	\$ 10 00
12 to 18 in.	1 90	16 00
18 to 24 in.	2 90	25 00

PRIVET—See Ornamental Shrubs.

RUSSIAN OLIVE (Elaeagnus angustifolia)

6 to 12 in.	2 10	18 00
12 to 18 in.	3 20	28 00
18 to 24 in.	4 50	40 00

SPIREA vanhoutte

9 to 12 in.	5 60	50 00
10 to 15 in.	7 00	60 00
12 to 18 in.	8 50	75 00
18 to 24 in.	12 00	100 00
2 to 3 ft.	16 00	140 00

NOTE. HONEYSUCKLE Heckrotti makes a novel and attractive hedge when planted in rows and kept sheared; blooms all summer. See Climbing Vines for further description and prices.

EVERGREENS

(Balled and Burlapped)

ALL EVERGREENS SOLD WITH THE DISTINCT UNDERSTANDING THAT IF THEY ARRIVE IN GOOD CONDITION AND ARE ACCEPTED, OUR RESPONSIBILITY CEASES. WE DO NOT GUARANTEE SURVIVAL.

Our Evergreens are all grown at good distance for symmetrical development, are top pruned into handsome, shapely trees that will transplant successfully if given average care.

Evergreens that are selected and marked by customers in the Nursery will carry 20 percent additional charge above the following listed price.

Evergreens can be supplied with the roots puddled if desired at 15¢ and 20¢ reduction from the listed prices on 18 to 24 inch and 2 to 3 feet sizes respectively.

Customers desiring the tops of Evergreens wrapped in burlap will be charged at cost for the extra labor and burlap used.

JUNIPERUS (JUNIPER)

<i>chinensis</i> (Chinese) 15-20 ft.	Per 10	Per 100
Sharp, prickly needles, light green with a slightly bluish cast. Will thrive anywhere except in heavy rich or poorly drained soil.		
2½ to 3 ft.	\$ 32 50	\$300 00
3 to 3½ ft.	40 00	375 00
3½ to 4 ft.	47 50	450 00
4 to 5 ft.	60 00	575 00

VARIETIES OF MISCELLANEOUS JUNIPERS

<i>communis hibernica</i> (Irish Juniper) 6-8 ft.	Per 10	Per 100
Very symmetrical in outline; glaucous green foliage. A distinct and beautiful dwarf-growing tree.		
2 to 3 ft.	\$ 19 00	\$175 00
3 to 4 ft.	25 00	-----
 <i>sabina</i> (Savin Juniper) 3-4 ft.		
Bushy, semi-upright growth; well covered with short, tufted, dark green foliage.		
15 to 18 in., spread	25 00	225 00
18 to 24 in., "	30 00	275 00
2 to 2½ ft., "	35 00	325 00
2½ to 3 ft., "	37 50	-----

PICEA (SPRUCE)

<i>excelsa</i> (Norway Spruce) 60-70 ft.		
A lofty, noble tree of open, pyramidal habit, dark green foliage.		
4 to 5 ft.	40 00	375 00
5 to 6 ft.	52 50	500 00
6 to 8 ft.	67 50	650 00
 <i>glauca densata</i> (Black Hill Spruce) 40-50 ft.		
Usually symmetrical, compact and bushy; foliage varies from green to blue-green. Retains its branches close to the ground even in old trees. One of the hardiest Spruces.		
18 to 24 in.	16 50	150 00
2 to 2½ ft.	22 50	200 00
2½ to 3 ft.	27 50	250 00
3 to 3½ ft.	32 50	300 00
3½ to 4 ft.	37 50	350 00
4 to 5 ft.	47 50	450 00
5 to 6 ft.	57 50	550 00

VARIETIES OF JUNIPER CHINENSIS—Continued

PICEA (SPRUCE)—Continued

pungens, (Colorado Green Spruce) 60-80 ft.

Symmetrical upright habit. Light green, sometimes silvery foliage. Popular hardy tree. Succeeds in dry climates.

	Per 10	Per 100
2 to 2½ ft.	\$ 27 40	\$ 250 00
2½ to 3 ft.	32 50	300 00
3 to 3½ ft.	40 00	375 00
3½ to 4 ft.	47 50	450 00

pungens glauca, (Colorado Blue Spruce) 60-80 ft.

Select Seedling type. Foliage ranging from blue to silvery white. Very popular for lawn planting.

2 to 2½ ft.	50 00	450 00
2½ to 3 ft.	65 00	600 00
3 to 3½ ft.	80 00	750 00

TAXUS

cuspidata (Spreading Japanese Yew) 5-6 ft.

Rich dark green foliage; spreading, bushy habit. Plant in shaded location for best results. Valuable for hedging and foundation planting.

15 to 18 in., spread	32 50	300 00
18 to 24 in., "	37 50	350 00

cuspidata capitata. (Upright Japanese Yew) 12 ft.

A beautiful broad pyramidal type. Dark green foliage. Thrives in shaded locations.

15 to 18 in.	30 00	-----
18 to 24 in.	35 00	-----

media Hicksi (Hicks Yew) 15-18 ft.

A very attractive form with numerous ascending branches and rich dark glossy green foliage. Usually grown as a narrow columnar tree for accent purposes.

18 to 24 in.	37 50	350 00
2 to 2½ ft.	52 50	500 00

THUJA (ARBOR VITAE)

orientalis (biota) (Chinese A. V.) 20-25 ft.

A broadly pyramidal tree, native of Asia; dense, compact dark green foliage dulling to bronzy green in winter.

2 to 3 ft.	22 50	200 00
3 to 4 ft.	32 50	300 00

CHRISTMAS TREES

We are overstocked on Black Hill and Norway Spruce and will cut a quantity of them to be used as Christmas trees.

Black Hill Spruce

These trees are heavily foliated and well filled. For the person who wants a bushy, symmetrical tree we heartily recommend Black Hill Spruce.

	Per 10	Per 100
3 to 4 ft.	\$ 16 50	\$150 00
4 to 5 ft.	22 50	200 00
5 to 6 ft.	27 50	250 00

Norway Spruce

These trees are somewhat more open than the Black Hill Spruce but will be much better foliated than the average Christmas tree.

	Per 10	Per 100
4 to 5 ft.	\$ 19 50	\$175 00
5 to 6 ft.	22 50	200 00

We suggest that you place your order now and avoid disappointment.

ROSES

All our roses are grown by men who have had long years of experience in growing roses. The land on which they are grown is carefully selected for its ability to produce a very fibrous root system and strong vigorous tops.

The buds are placed low on the understock thus eliminating "shanky" bushes and are nipped at just the right time to produce the maximum number of low branched canes.

Throughout the growing season they are fertilized regularly. After every rain or once per week, whichever would be most frequent, they are thoroughly dusted.

By following this pattern we are able to hold the foliage on our roses throughout the summer. Consequently they continue to grow through the summer, storing up food for winter storage.

They are dug only when thoroughly dormant and are transferred directly to iced cars for shipment to Shenandoah where they are carefully graded and placed in our modern cold storage until you request shipment.

OUR ROSES ARE GUARANTEED TO PLEASE

All roses are tied No. 1 and No. 1½, 10 per bundle No. 2, 25 per bundle. We do not break bundles.

TEA, HYBRID TEA AND EVERBLOOMING

		Per 10	Per 100	Per 1000
Assorted as follows,	No. 1	\$ 5 50	\$ 50 00	\$450 00
" " "	No. 1½	4 50	40 00	350 00
" " "	No. 2	2 90	25 00	220 00

Ami Quinard, dark velvety crimson, almost black; fragrant.

Caledonia, large double white; long buds opening to large, double flowers.

Christopher Stone, alive with vivid scarlet, petals glowing with a velvety sheen. Deliciously scented. Very popular.

Condesa de Sastago, petals are coppery-pink inside, golden reverse.

Contrast, long-pointed bud opening to large, double high-centered flowers of pink and bronze, reverse white and bronze; long stem. Vigorous and profuse.

Duquesa de Penaranda, strong vigorous grower, very free-flowering; apricot-orange to dark pink. A most desirable variety.

Edith Nellie Perkins, delicate color blends of light cerise-pink and gold.

Editor McFarland, shapely buds and double, brilliant pink blooms; profuse.

E. G. Hill, great massive blooms of deep, velvety maroon; very fragrant.

Etoile de Hollande, one of the best dark red roses; a strong grower, free-flowering, very fragrant.

Golden Charm, dainty pointed yellow blooms.

Grenoble, one of the better reds; double scarlet-red blooms on long stems; very vigorous grower; profuse and hardy.

Gruss an Teplitz, deep scarlet-crimson flowers in clusters; a free and continuous bloomer; one of the hardiest varieties.

Joanna Hill, double blooms of golden buff, yellow center; fragrant.

K. A. Viktoria, very popular, free-flowering, double, pure white.

McGredy's Ivory, ivory-white, perfectly shaped double blooms; sweet-scented.

McGredy's Yellow, well formed flowers of bright buttercup yellow. Glossy.

Mme. Joseph Perraud, high-centered, perfectly formed buds and double blooms shading from shell pink at the edges to buff and orange in the center. An excellent variety of superior quality.

ROSES—Continued

TEA, HYBRID TEA AND EVERBLOOMING—Continued

Picture, a very beautiful new rose. Warm pink, undertones of salmon; a very strong and one of the most vigorous plants.

Pink Dawn, deep rose-pink, lightly toned orange; well formed flowers.

Poinsettia, one of the most brilliant red roses ever produced. Poinsettia scarlet. A good grower and fine as a cut flower.

President Herbert Hoover, a glorious rose; cerise toned yellow, orange and scarlet; very fragrant.

Radiance, large brilliant rose-pink; very fragrant. A most popular variety.

Red Radiance, bright rosy-red, free blooming; delightfully fragrant.

Red Talisman, Talisman sport. Bud long-pointed; flowers large, double, fragrant. Deep cerise-red blending into yellow shade at base.

Rouge Mallerin, large, lasting velvety red, very double blooms.

Soeur Therese, double rich yellow blooms; vigorous, upright, profuse.

Talisman, golden-yellow, stained coppery-red and orange-rose; a favorite variety.

The Doctor, a great achievement in rose breeding. The buds are long and pointed; enormous blooms of silvery pink. Intensely fragrant.

Yellow Sastago, vigorous yellow sport of the popular bush variety.

HYBRID PERPETUAL ROSES

	Per 10	Per 100	Per 1000
Assorted as follows, No. 1	\$ 5 50	\$ 50 00	\$450 00
" " " No. 1½	4 50	40 00	350 00
" " " No. 2	2 90	25 00	220 00

American Beauty, a very popular cerise-red variety.

Frau Karl Druschki, very popular large pure white.

General Jacqueminot, old favorite, dark red rose.

Paul Neyron, dwarf bushed; gigantic rose-pink, fragrant flowers.

BABY OR DWARF POLYANTHA ROSES

	Per 10	Per 100	Per 1000
Assorted as follows, No. 1	\$ 5 50	\$ 50 00	\$450 00
" " " No. 1½	4 50	40 00	350 00
" " " No. 2	2 90	25 00	220 00

Ellen Poulsen, splendid bright rose-pink flowers of large size; fragrant.

Golden Salmon Supreme, large clusters of striking reddish-orange flowers; low growth.

Ideal, dark scarlet in immense compact clusters; free-flowering.

Poulsen's Yellow, bud copper, yellow flowers semi-double, intensely fragrant.

All of our roses will be stored in our new cold storage, one of the most modern and best of its kind in the country. After several years of careful experimentation we have equipped this storage with the new germicidal lamps which our tests have shown will enable us to keep roses through the entire shipping season with absolutely no mold forming on the plants. We have also been able to reduce sprouting in storage to a minimum by installing automatic controls to maintain proper temperature and humidity in our cold storage.

ROSES—Continued

FLORIBUNDA ROSES

	Per 10	Per 100	Per 1000
Assorted as follows, No. 1	\$ 5 50	\$ 50 00	\$450 00
" " " No. 1½	4 50	40 00	350 00
" " " No. 2	2 90	25 00	220 00

Baby Chateau, deep red blooms, one of the best of its type.

Else Poulsen, lasting bright rose-pink flowers; semi-double.

Floradora, Scarlet and geranium red floribunda producing double 25 petaled flowers. Height 2½ feet. A.A.R.S. 1945 Award.

Gruss an Aachen, large light flesh-pink and salmon-yellow.

Lafayette Improved, large flowers of bright cherry-crimson.

RUGOSA, HYBRIDS AND MISCELLANEOUS

	Per 10	Per 100	Per 1000
Belle Poitevine , very large, magenta-pink flowers.			
2 to 3 ft.	\$ 5 00	\$ 45 00	\$400 00
18 to 24 in.	4 00	35 00	300 00
12 to 18 in.	2 90	25 00	220 00
F. J. Grootendorst , small bright red flowers in clusters.			
2 to 3 ft.	5 50	50 00	-----
18 to 24 in.	5 00	45 00	-----
12 to 18 in.	4 00	35 00	-----
Grootendorst Pink , charming pink variety of Grootendorst.			
2 to 3 ft.	5 50	50 00	-----
18 to 24 in.	5 00	45 00	-----
12 to 18 in.	4 00	35 00	-----
Hansa , large, double reddish violet flowers; very hardy.			
2 to 3 ft.	5 00	45 00	-----
18 to 24 in.	4 00	35 00	-----
12 to 18 in.	2 90	25 00	-----
Harrison's Yellow , semi-double bright yellow; early.			
2 to 3 ft.	5 50	50 00	-----
18 to 24 in.	5 00	45 00	-----
12 to 18 in.	4 00	35 00	-----
Hugonis , early blooming shrub rose; pale yellow; hardy.			
3 to 4 ft.	6 00	55 00	-----
2 to 3 ft.	5 50	50 00	-----
18 to 24 in.	4 50	40 00	-----
Sir Thos. Lipton , snowy white flower freely produced.			
2 to 3 ft.	5 50	50 00	450 00
18 to 24 in.	5 00	45 00	400 00
12 to 18 in.	4 00	35 00	300 00

CLIMBERS and RAMBLERS

American Pillar, large single flowers of crimson-pink. Large white center in tremendous clusters; hardy.

No. 1	4 50	40 00	-----
No. 1½	3 50	30 00	-----
No. 2	2 40	20 00	-----

Blaze, Hardy, vigorous climbing rose similar to Paul's Scarlet. Recurrent bloomer. Scarlet Crimson flower.

No. 1	6 00	55 00	-----
No. 1½	5 00	45 00	-----
No. 2	3 50	30 00	-----

ROSES—Continued

CLIMBERS AND RAMBLERS—Continued

	Per 10	Per 100	Per 1000
Climbing American Beauty , crimson flowers in clusters.			
No. 1	\$ 5 00	\$ 45 00	\$400 00
No. 1½	4 00	35 00	300 00
No. 2	2 50	22 00	200 00
Crimson Rambler , scarlet crimson flowers in large clusters.			
No. 1	4 50	35 00	320 00
No. 1½	3 20	28 00	250 00
No. 2	2 50	22 00	200 00
Dorothy Perkins , miniature shell pink flowers in clusters.			
No. 1	3 20	28 00	-----
No. 1½	2 50	22 00	-----
No. 2	2 00	17 50	-----
Dr. Van Fleet , large, flesh-pink flowers on long stems.			
No. 1	5 00	45 00	400 00
No. 1½	4 00	35 00	300 00
No. 2	2 90	25 00	220 00
Excelsa , intense scarlet, large clusters of small flowers.			
No. 1	3 20	28 00	250 00
No. 1½	2 50	22 00	200 00
No. 2	1 90	16 00	150 00
Excelsa Pillar , strong growing pillar type, double scarlet crimson blooms. Hardy as the common Excelsa.			
No. 1	3 50	30 00	270 00
No. 1½	2 50	22 00	200 00
No. 2	1 90	16 00	140 00
Gardenia , creamy-yellow flowers in small sprays; quite hardy.			
No. 1	3 50	30 00	-----
No. 1½	2 50	22 00	-----
No. 2	1 90	16 00	-----
New Dawn , fragrant blush pink flowers in clusters. Ever-blooming.			
No. 1	5 50	50 00	450 00
No. 1½	4 50	40 00	350 00
No. 2	3 20	28 00	-----
Paul's Scarlet Climber , large, intense scarlet flowers borne in clusters; free-flowering and hardy.			
No. 1	5 50	50 00	450 00
No. 1½	4 50	40 00	350 00
No. 2	2 90	25 00	220 00
Primrose , double, canary-yellow flowers; hardy.			
No. 1	5 00	45 00	-----
No. 1½	4 00	35 00	-----
No. 2	2 90	25 00	-----
Prosperity , Large clusters of pure white blooms on a strong, free-growing plant. Blooms first year.			
No. 1	5 00	45 00	400 00
No. 1½	4 00	35 00	300 00
No. 2	2 90	25 00	220 00
White Dorothy Perkins , small creamy-white flowers in clusters.			
No. 1	2 10	18 00	-----
No. 1½	1 70	14 00	-----
No. 2	1 20	10 00	-----

ROSES—Continued

PATENTED ROSES

We offer these roses under license from patent owner. It is understood and agreed that they are **FOR SALE AT RETAIL ONLY**, at or above prices specified. 10 to 20 of one variety at 10 rate; 20 to 250 of one variety at 100 rate; 250 and up of one variety at 1000 rate. **PRICES ARE NET.**

HYBRID TEA

	Per 10	Per 100	Per 1000
Applause , Patent No. 829. (Retails \$1.75 each; \$17.50 per doz.) Large fragrant buds are sparkling light red in color, opening slowly to perfectly shaped fifty-petaled open blooms, heavy with fragrance. Prolific bloomer. Winner of the much-prized BAGATELLE GOLD MEDAL.			
No. 1	\$ 10 00	\$ 90 00	\$750 00
No. 1½	8 00	72 00	600 00
Capistrano , Patent No. 992. (Retails \$2.00 each; \$20.00 per doz.) Rich shade of deep glowing rose pink, in the bud as well as in the open flower. It retains its brilliant color throughout the life of the flower without fading. Produces large buds and flowers, on extra long, strong heavy stems. Blooms have a rich, heavy, lasting fragrance. A.A.R.S. Award for 1950.			
No. 1	11 00	100 00	-----
Charlotte Armstrong , Patent No. 455. (Retails \$1.50 each; \$15.00 per doz.) Brilliant blood-red buds on long slender stems opening to magnificent spectrum-red in cool weather, cerise in hot weather. A.A.R.S. award for 1941.			
No. 1	9 00	75 00	650 00
Crimson Glory , Patent No. 105. (Retails \$1.35 each; \$13.50 per doz.) Most popular of all the crimson roses. Flowers very large deep crimson with perfect form and fine fragrance.			
No. 1	7 50	65 00	550 00
Diamond Jubilee , Patent No. 824. (Retails \$2.00 each; \$20.00 per doz.) Double high-centered flowers of glowing buff-orange, with a touch of orange-yellow at base of petals. A.A.R.S. award for 1948.			
No. 1	11 00	100 00	850 00
Forty-Niner , Patent No. 792. (Retails \$1.75 each; \$17.50 per doz.) Brilliantly hued bi-color that justly secured an A.A.R.S. AWARD for 1949. Its contrasting colors are startling in their brilliance, and yet they blend together beautifully. Inside of petals is a vivid Orient-Red while the outside is a Chrome-Yellow, changing to Straw-Yellow. Colors are lasting and bright. The long bud opens to a well shaped bloom of 25 to 40 petals, mildly fragrant.			
No. 1	10 00	90 00	750 00
Katherine T. Marshall , Patent No. 607. (Retails \$1.35 each; \$13.50 per doz.) A rose of rare beauty and delicacy of form—growing vigorously with large, open upright blooms of warm glowing pink, fruity fragrance. Perfect form and long stems.			
No. 1	7 50	65 00	550 00

ROSES—Continued

PATENTED ROSES—Continued

	Per 10	Per 100	Per 1000
Mirandy , Patent No. 632. (Retails \$1.50 each; \$15.00 per doz.) First place winner of All-American rose competition for 1945. A strong free-branching plant producing large, long-pointed ovid buds of rich dark red with black shadings, opening to Chrysanthemum Red. The flower of 50 petals displays new beauties of form and is long lasting. Marvelously fragrant.			
No. 1	\$ 9 00	\$ 75 00	\$650 00
Mission Bells , Patent No. 928. (Retails \$2.00 each; \$20.00 per doz.) Deep glowing salmon, which opens to a clear shrimp pink color. Vigorous, heavily branched plants are abundantly clothed with disease resistant coppery green foliage. The buds are pointed and open to high centered flowers which often measure 5½ inches across. A.A.R.S. award for 1950.			
No. 1	11 00	100 00	850 00
New Yorker , Patent No. 823. (Retails \$2.00 each; \$20.00 per doz.) Perfectly formed buds; brilliant unfading red blooms, often measuring 5½ in. across. Delightful almost arspberry fragrance. Plants are very vigorous, hardy, and disease resistant. One of America's very best red roses.			
No. 1	11 00	100 00	850 00
Nocturne , Patent No. 713. (Retails \$1.50 each; \$15.00 per doz.) The color is bright cardinal red with dark shadings of crimson. The large petals have good substance, are richly textured and pleasantly fragrant flower is long lasting. Color is somewhat lighter and brighter during hot weather. A.A.R.S. award for 1948.			
No. 1	9 00	75 00	650 00
Peace , Patent No. 591. (Retails \$2.00 each; \$20.00 per doz.) This rose is almost unbelievable. One marvel of it is the dawn-like range of colors through which it passes, from opening yellow buds, with edges picoted cerise, to the glorious 5 inch, alabaster blooms, each petal edged with pink that seems to deepen as the flower slowly opens. The shades of color vary, also from flower to flower and through the changing seasons. We find this one of the largest of all Hybrid Tea roses with fine rich green foilage and strong healthy canes. This rose has everything a tea rose could possibly have. A.A.R.S. award for 1946.			
No. 1	11 00	100 00	850 00
San Fernando , Patent No. 785. (Retails \$1.50 each; \$15.00 per doz.) A magnificent thirty petaled rose of glowing currant-red, changing to bright glowing scarlet. Pronounced fragrance. A.A.R.S. award for 1948.			
No. 1	9 00	75 00	650 00
Sutter's Gold , Patent No. 885. (Retails \$2.00 each; \$20.00 per doz.) Beautiful, long-pointed, yellow bud, richly shaded with orange and red. Rich tea fragrance not found in any other yellow rose. The 24-petaled flowers are high-centered and richly colored. A.A.R.S. award for 1950.			
No. 1	11 00	100 00	850 00

ROSES—Continued**PATENTED ROSES—Continued**

	Per 10	Per 100	Per 1000
Taffeta , Patent No. 716. (Retails \$1.50 each; \$15.00 per doz.) Rich carmine-Rose in the bud, changing to Begonia-Rose in open flower. Reverse of petals is yellow. Medium to large buds are perfectly formed with edges of the petals often frilled. They open to form double flowers with 21 well textured petals. A.A.R.S. award for 1948.			
No. 1	\$ 9 00	\$ 75 00	\$650 00
Tallyho , Patent No. 828. (Retails \$1.75 each; \$17.50 per doz.) A bright color but the contrast is not great. The color on the inside of the petals is a varying but always a delightful and unique shade of pink. The outside of the petals is a rich Crimson. The buds, before they unfold, are deep Cardinal-Red. The long-stemmed blooms open slowly and last exceedingly well because they have such heavy substance. They are very large when fully open, of perfect form and with spicy fragrance. A.A.R.S. award for 1949.			
No. 1	10 00	90 00	750 00

PATENTED CLIMBERS

	Per 10	Per 100	Per 1000
Cl. Crimson Glory , Patent No. 736. (Retails \$2.00 each; \$15.00 per doz.) Climbing form of the outstanding hybrid-tea, producing an abundance of perfectly formed crimson colored blooms.			
No. 1	\$ 11 00	\$100 00	\$850 00
Cl. Peace , Patent No. 932. (Retails \$2.00 each; \$20.00 per doz.) Climbing form of the famous bush Hybrid Tea.			
No. 1	11 00	100 00	-----
Dr. J. H. Nicolas , Patent No. 457. (Retails \$1.50 each; \$15.00 per doz.) Vigorous plant carrying dark green foliage produces fully double deep rose-pink flowers, 5 to 6 inches across with about 50 petals. Grows 8 to 10 feet in height and is ever-blooming.			
No. 1	9 00	75 00	-----
King Midas , Patent No. 586. (Retails \$1.50 each; \$15.00 per doz.) Golden yellow with large, double, high-centered flowers with good form. Buds are touched with red.			
No. 1	9 00	75 00	-----
Torch , Patent No. 726. (Retails \$1.50 each; \$15.00 per doz.) "The world's brightest climber." Massive clusters of orange-scarlet flowers almost cover the bush over its entire height. The long lasting blooms are produced all through June and often in the fall. A vigorous disease resistant plant. Canes often grow six feet in a single year.			
No. 1	9 00	75 00	-----

ROSES—Continued**PATENTED FLORIBUNDA**

	Per 10	Per 100	Per 1000
Chatter , Patent No. 739. (Retail \$1.25 each; \$12.50 per doz.) Unusually bright crimson, generous flower clusters, continuously in bloom, velvety firm petals.			
No. 1	\$ 7 00	\$ 60 00	\$. . .
Fashion , Patent No. 789. (Retail \$2.00 each; \$20.00 per doz.) Brilliant luminous coral flowers overlaid with gold, opening with wavy graceful petals. All season bloom, large clusters and singly. A.A.R.S. award for 1950.			
No. 1	11 00	100 00	850 00
Geranium Red , Patent No. 811. (Retail \$1.50 each; \$15.00 per doz.) Flowers very double. (50 petals), strong geranium fragrance, bright geranium-red; cluster.			
No. 1	9 00	75 00	650 00
Goldilocks , Patent No. 672. (Retail \$1.50 each; \$15.00 per doz.) Rich golden yellow, buds are ovoid in shape, long lasting hardy, and vigorous.			
No. 1	9 00	75 00	... ..
Pinocchio , Patent No. 484. (Retail \$1.25 each; \$12.50 per doz.) A hardy plant producing an abundance of pointed buds of salmon-flushed gold, opening to miniature hybrid-tea like roses of soft clear pink and in great clusters.			
No. 1	7 00	60 00	... ..
Red Pinocchio , Patent No. 812. (Retail \$1.50 each; \$15.00 per doz.) Masses of 3½ inch flowers in unfading clusters. Rich carmine; gradually deepens as blooms open. Wild rose fragrance. Vigorous; prolific bloomer.			
No. 1	9 00	75 00	650 00
Summer Snow , Patent No. 416. (Retail \$1.25 each; \$12.50 per doz.) Low broad plants, splendid for foreground plantings in rose beds. Large clusters of buff-cream buds opening to clear white blooms 3½ inches across.			
No. 1	7 00	60 00	500 00

HARDY PERENNIAL PLANTS

Our assortment of Hardy Perennials, Alpine and Rock Garden Plants includes a very select list of the newer varieties as well as indispensable old favorites.

We offer field grown, clean, well-rooted individual plants that are vigorous and free from disease.

Our perennials are properly packed with fresh, clean packing material in well ventilated boxes.

All perennials are very perishable and should be shipped by express.

Perennials offered in this section are bare-root. Starred varieties (*) especially suited for rock-garden.

	Per 10	Per 100
ACHILLEA, Milfoil or Yarrom		
Millefolium Rubra. (Rosy Milfoil.) Finely cut foliage, soft rose flower head. 18 in. June-August.	\$ 1 40	\$ 12 00
AQUILEGIA, Columbine. May-June.		
Chrysantha, best long-spurred golden yellow flowers. 2½ ft. Late.	1 40	12 00
Chrysantha Silver Queen, best long-spurred pure white. 2½ ft.	1 40	12 00
Clematiflora. Mixed. Spurless Columbine with beautiful open flowers like Clematis. Contains all lovely pastel shades.	1 40	12 00
*coerulea (Rocky Mountain Blue Columbine). 2 ft.	1 40	12 00
Crimson star Longissima—New Improved Crimson Star. Large flowers of the most striking crimson with white corolla. Blooms in May and June. 24 in.	1 40	12 00
Mrs. Scott Elliott Hybrids, a dependable and recommended strain of long-spurred columbines. 2½ ft.	1 40	12 00
Lavender and Blue Shades, long-spurred flowers. 2 ft.	1 40	12 00
Pink and Rose Shades, long spurred flowers. 2 ft.	1 40	12 00
Ruby and Crimson Shades, long-spurred flowers. 2 ft.	1 40	12 00
ARTEMISIA—Southernwood; Sage Brush		
Silver King, a striking, white-leaved contrast plant, entire color effect bright frosted silver. Dries perfectly. 3 ft.	1 80	15 00

ASTERS, HARDY—Starwart or Michaelmas Daisy. Sept.-Oct. Peace.

	Per 10	Per 100
This is the companion variety to Plenty, introduced by the same English originator. The semi-color flowers are fully 2 inches across. They are produced in immense quantities and are perfect for cutting as well as a magnificent plant for the garden from early September until late October. 3½ to 4 feet.	\$ 2 40	\$ 20 00
Plenty.		
A magnificent new hardy Aster from England, which with- out doubt, replaces all varieties of similar color. The flowers are semi-double and 2 inches in diameter, pro- duced in immense quantities. Color is a lovely soft blue. One of the finest fall flowers. It commences to bloom in early September and lasts well into October. Exceptional- ly fine for cutting as well as a superb plant for the garden 3½ to 4 feet.	2 40	20 00

HARDY PERENNIAL PLANTS—Continued

	Per 10	Per 100
BUDDLEIA, Butterfly Bush—(See Ornamental Shrubs)		
CAMPANULA, Bellflower		
medium (Single canterburybells), large bell-shaped flowers.		
Blue, Rose and White, separate colors. June. 2 ft.	\$ 1 40	\$ 12 00

GARDEN CHRYSANTHEMUMS

Orders for fall delivery will be filled with 1 year field grown dormant plants. For spring delivery, we reserve the right to supply well-furnished heavily rooted 2½ inch pot plants.

STANDARD AND KOREAN VARIETIES

	Per 10	Per 100
Algonquin , a very hardy variety, with healthy foliage. Pure bright yellow flowers; large and double. Early.	\$ 1 80	\$ 15 00
Autumn Lights , coppery bronze, a gleaming orange overcast.	1 80	15 00
Avalanche . Large well formed double white flowers in great quantities. A beautiful white chrysanthemum. 2½ to 3 ft. Late Sept.	1 80	15 00
Dahlia Flower , low growing branchy plants covered with bloom of a deep wine red.	1 80	15 00
Dean Kay Pink . Produces a great abundance of excellent rose-pink flowers in a profuse mass. Perfectly hardy. Grows 2 to 2½ ft.	1 80	15 00
Pohatcong , a conservative pleasing shade of lavender-rose. Double flowers on dwarf, compact plants.	1 40	12 00

SPECIAL LIST OF NEW VARIETIES OF CHRYSANTHEMUMS

	Per 10	Per 100
Allegro . Double blooms of glowing shrimp-pink with coppery salmon sheen. Early Oct. 22 inches.	\$ 1 80	\$ 15 00
Apricot Glow . Richly hued apricot bronze. The double blooms are 2½ inches in diameter borne in profusion. Cushion type plant. Late August. 18 inches.	2 10	18 00
Betty . An excellent upright rose-pink without a trace of magenta. One of the finest new pinks. Late September. 28 inches.	2 10	18 00
Charm Spoon . Blooms open to a lovely rhodonite-red and gradually fades to a rich dusty rose. Excellent habit of growth. Late September. 26 inches.	2 10	18 00
Chris Columbus . Double. New outstanding ivory-white. A luxuriant grower, excellent for cutting. Late September. 26 inches.	2 10	18 00
Early Worm . A vivid semi-double dwarf yellow. Early and very hardy.	2 10	18 00
Fuchsia Fairy . A fine new dwarf mum of clear fuchsia color. Bears a mass of fully double flat flowers about 1 inch across.	2 40	20 00
Generalissimo . A very rugged, fully double flower of soft magnolia-purple. Early September.	2 90	25 00
Gold . Flowers are large, very double golden bronze. Fine for cutting. Late September. 22 inches.	2 10	18 00
Golden Memories . Brilliant golden yellow button in sprays with new buds in abundance. Start opening from August throughout the entire season. Large massive plant 28 inches across.	2 10	18 00

HARDY PERENNIAL PLANTS—Continued

SPECIAL LIST OF NEW VARIETIES OF CHRYSANTHEMUMS—Continued

	Per 10	Per 100
Gold Pagent. Masses of 3 inch double flowers of Gold with 2 darker shimmering sheen. Orange buds create a contrasting mass of harmonious beauty. Blooms early—September 25th.	\$ 2 10	\$ 18 00
Little Eskimo. Pure white ball shaped flowers 1½ inches in diameter. A very profuse bloomer. Does not fade. Late August. 18 inches.	1 80	15 00
Oriental Glory. Large double blooms of brilliant oriental red. A good variety for cutting.	2 10	18 00
Pink Surprise. Great mass of giant double 4½ inch brilliant pink blooms. Best early pink—September 15th. A leader in its color.	2 10	18 00
Ray Dietz. A small buttonhole pompom of brightest yellow. Fully double. 1 inch across.	2 10	18 00
September Dawn. Beautiful deep pink perfectly formed blooms. The large perfectly formed flowers are from 3 to 3½ inches in diameter. Double. The best of the pinks.	2 10	18 00

UNIVERSITY OF MINNESOTA INTRODUCTIONS

	Per 10	Per 100
Butterball. Double ball like dark lemon-yellow flowers produced profusely on low compact plants. Mid-August. 18 inches.	\$ 2 10	\$ 18 00
Glacier. Pure glistening white, full double flowers. Plants are covered solidly with blooms. Fine for borders. Late August. 16 inches.	2 10	18 00
Red Gold. Double. Blooms are a lively combination of red and golden orange. Probably the gaudiest of all Pom-Poms. Late August. 20 in.	2 10	18 00
Violet. The newest University of Minnesota purple introduction. Full double, dahlia like blooms of good color cover entire plant. Late August. 20 inches.	2 10	18 00

UNIVERSITY OF CHICAGO INTRODUCTIONS

	Per 10	Per 100
Autumnsong. Large double blooms of wine rose shading to carmine. An entirely new color in mums. One of the most outstanding Chicago introductions. Early September. 20 inches.	\$ 2 10	\$ 18 00
Charles Nye. Large, 3 inch fully double, rich buttercup-yellow flowers produced in clusters. Excellent for cutting. Late September. 28 inches.	2 10	18 00
Courageous. Large bright dark ruby-red double flowers 3½ inches in diameter. A strong, upright plant with healthy green foliage. Late September.	2 10	18 00
Early Harvest. Produces a mass of charming double mahogany-orange flowers for two months. A superior cushion type plant. Early September. 16 inches.	2 10	18 00
Glowing Coals. Double blooms of deep cherry-red with orange reverse. Well branched plants. One of the best early reds. Mid September. 24 inches.	2 10	18 00

HARDY PERENNIAL PLANTS—Continued**UNIVERSITY OF CHICAGO INTRODUCTIONS—Continued.**

	Per 10	Per 100
Heatherbloom. Heather-pink with center shaded rose-red with gold tipping. Very double. An outstanding variety. Late September. 20 inches.	\$ 2 10	\$ 18 00
Meditation. Full double blooms 3 inches in diameter. Firm two-toned flowers of light jasper-red and maize-yellow with orange reverse. When mature the flowers are a clear bright reddish peach. An excellent cut flower. The 1948 "Mum of the Year." Early October. 30 inches.	2 90	25 00
Olive Longland. Blooms are double apricot-toned salmon-pink, 3 inches in diameter. The best of the Chicago pastels. Erect growth. Late September. 24-30 inches.	2 10	18 00
Pepita. Button Pom-Pom, densely quilled. Egg-shell-white with darker center. Changing to pure white with cream center. Late September. 22 inches.	2 10	18 00
Tangerine. Spanish-orange to grenadine-red, fully double, 3 inches across. Long, overlapping, slightly twisted petals, giving a very fluffy appearance. Bush upright, much branched; heavy deeply cut foliage. September to mid October.	2 10	18 00

NEW HARDY ENGLISH CHRYSANTHEMUMS

	Per 10	Per 100
Adoration. Large spreading double blooms. Pink on a cream background. Easy to disbud. Plants will carry 6 to 8 blooms 5 to 6 inches in diameter. Fine for cutting. Late September. 36 inches.	\$ 2 90	\$ 25 00
Indiana. Double blooms of rich velvety crimson shaded darker at the center borne on long stems. Good dis-budded or in sprays. Late September. 24 inches.	2 40	20 00
Leda. Large heliotrope pink beautifully rolled petals. Double flowers 4 to 5 inches in diameter are produced when dis-budded to a dozen or so to the plant. Excellent for early cut flowers. Strong stems. Early September. 30 inches.	2 40	20 00
Orange Glow. Orange-bronze flowers with gold reverse. Blooms profusely on good stems. Disbudding not necessary. Double. Mid September. 26 inches.	2 90	25 00
Primrose. An immense primrose yellow flower shading to cream. A strong grower. Good as sprays, but immense if disbudded. A beauty. September.	2 90	25 00
Rose Princess. A very striking flower of salmon-rose, base flushed with gold. Double blooms on strong stiff stems. Late September. 24 inches.	2 40	20 00
Vulcan. Large brilliant crimson well shaped flowers are produced profusely. The best of the English reds. Mid-September. 26 inches.	2 40	20 00

HARDY PERENNIAL PLANTS—Continued**CUSHION CHRYSANTHEMUMS**

A group of low-growing Mums, forming mounds of blooms reminding one of the old-fashioned Azalea. The plants grow from 12 to 18 inches high and have a spread of from 2 to 2½ ft. The flowers appear early in September and remain on plants over a long period.

	Per 10	Per 100
Bronze Cushion , double flowers compact mounds of bronze and copper. Early.....	\$ 1 80	\$ 15 00
Pink Cushion , masses of light pink flowers in broad mounds.	1 80	15 00
Red Cushion , a splendid improved early crimson red variety.	1 80	15 00
White Cushion , a select strain, double white flowers.	1 80	15 00
Yellow Cushion , pure golden yellow; early flowering and long lasting.	1 80	15 00
Purple Cushion , A new perfectly round, bushy plant completely covered with very attractive, fully double purplish-rose colored flowers, with deep wine colored centers.	2 40	20 00

HARDY CARNATION—See Dianthus Grenadin Caryophyllus

	Per 10	Per 100	Per 1000
COREOPSIS, Tickseed			
Mayfield Giant , large yellow flowers on firm, strong stems.	\$ 1 20	\$ 10 00	\$ 80 00

DAISY SHASTA, Chrysanthemum Maximum

Alaska Supreme , shapely plants, large flowers. June-July.	1 20	10 00	80 00
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DELPHINIUM, Larkspur

Blackmore & Langdon . 4 to 5 foot. Semi-double and double blooms in shades of blue, lavender, and purple.	1 40	12 00	-----
Clivenden Beauty , large spikes, sky-blue flowers. Good forcer. Blooms most of the Summer. 4-5 ft.	1 20	10 00	80 00
La Martine , dark indigo-blue flowers. Blooms profusely and continuously all summer; is not subject to disease. 4-5 ft.	1 20	10 00	80 00
Lyondel Hybrids . Especially selected for their extreme hardiness and large flowers, ranging from the pale blues to deep purples. Singles, semi-doubles and doubles.	1 80	15 00	-----
Pacific Hybrids Mixed . This elegant strain of Delphinium is almost beyond description. Flower spikes 3 to 5 feet long closely packed with individual flowers from 2 to 3 inches across, many are double, semi-double, some single.	1 80	15 00	-----

DIANTHUS*Barbatus, Old Fashioned Sweet Williams.**

This is the Old Fashioned Sweet William, bearing flowers in great profusion in May and June. Excellent for cutting. We offer these in the following varieties.

Newport Pink . Rich salmon pink. This variety being grown from seed is always partly mixed.	1 40	12 00	100 00
Scarlet Beauty . 18 inches.	1 20	10 00	80 00
plumarius semperflorens Fl. Pl. , single and double pinks. 15 in.	1 40	12 00	100 00

HARDY PERENNIAL PLANTS—Continued**DIANTHUS—Continued****DIANTHUS GRENADIN CARYOPHYLLUS
(HARDY CARNATION)**

This is the hardiest of all outdoor carnations. Very fragrant, full double producing large flowers on long stems. The finest of all varieties.

	Per 10	Per 100
Golden Sun. Early flowering, very double, large clear yellow flowers.	\$ 1 80	\$ 15 00
Rose Queen Triumph. Deep Delicate Pink.	1 80	15 00
Scarlet—Rich Scarlet. Extra Large Flowering.	1 80	15 00
White.	1 80	15 00

DIANTHUS JUNE CARMINE

	Per 10	Per 100
A beautiful shade of bright carmine pink with the spicy fragrance of the old clove pinks. It has carnation-like foliage. The flowers are fully double, on 12 to 15 inch stems.	\$ 2 90	\$ 25 00

DIELYTRA, (DICENTRA) Bleeding Heart

	Per 10	Per 100
*eximia, Fern-leaved Bleeding Heart. A hardy worthy variety for rock-garden planting, borders and many other locations. Rose pink flowers in showy racemes all summer. 15 in.	\$ 2 10	\$ 18 00
spectabilis, an old-fashioned favorite; its long racemes of graceful heart-shaped pink flowers are always attractive. 18 in. Undivided plants. 3 to 5 eye.	4 50	40 00

ERYNGIUM, Sea-Holly

Planum, branching heads of steel-blue flowers; stems and bracts of a glistening metallic sheen. July and August. 30 in.	1 80	15 00
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***FUNKIA, plaintain Lily**

lancifolia, green foliage, lilac flowers. July-Aug. 18 in.	1 80	15 00
*variegata, green and white foliage, blue flowers. July. 12 in.	2 10	18 00

GAILLARDIA, Blanket Flower. June until frost.

Burgundy, rich wine-red; excellent for cutting. 1½-2 ft.	1 40	12 00
Dazzler, large golden and maroon flowers, strong stems. 1½ ft.	1 40	12 00
Sunset, large flowers are pure yellow with red center.	1 40	12 00

GYPSOPHILA, Baby's Breath

paniculata compacta, a symmetrical mass of minute white flowers during August and September. 2 ft.	1 20	10 00
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HEMEROCALLIS, Day Lily

Bay State. Fine large blooms with fluted petals of clear yellow. Perfectly formed flowers. A heavy and persistent bloomer. July and August. 36 inches.	1 80	15 00
Dawn. A new English introduction. A very good and unusual variety. Blooms are rose-buff in color and over 5 inches across. July and August. 38 inches.	3 50	30 00
flava, clear lemon yellow, sweet scented, profuse. June. 2½ ft.	1 40	12 00

PERENNIALS—Continued

HEMEROCALLIS Day Lily—Continued

	Per 10	Per 100
Florham , large trumpet-shaped golden yellow flowers. June	\$ 1 80	\$ 15 00
Hyperion . Exceptionally large blooms, seven inches, of a soft canary yellow. Fine form and substance. Very fragrant. Considered by many the finest Hemerocallis ever introduced. June-July. 3½ feet.	4 00	35 00
Kwanso Fl. Pl. , a double-flowering variety; rich golden bronze. July-August. 4 ft.	1 80	15 00
Margaret Perry , brilliant coppery crimson flowers with clear yellow base. A vigorous tall grower. 5-6 ft.	1 80	15 00
Mikado . Rich orange with a large spot of mahogany red in each petal. 5 inches in diameter. Striking and unusual. Usually blooms a second time. The outstanding charm of this remarkable Day Lily is due to the bold color contrasts and perfection of form. Flowers during June and July. 3 feet.	1 80	15 00
Mrs. H. Wyman , perfect, well rounded flowers of pure gold. July-August. 4 ft.	1 80	15 00
Thunbergi , much like flava but flowers one month later. July. 2½ ft.	1 20	10 00
*HEUCHERA, Coralbells brizoides, coral-pink, very prolific. May. 12 in. 2 in Pot Plants.	1 80	15 00
'HIBISCUS, Rose Mallow Giant Flowering Mixed. August-September. 4-5 ft.	1 40	12 00
*HOLLYHOCKS, Althea Rosea Double Separate Colors, Blood Red, Lilac Beauty, Newport Pink, White and Yellow. July. 4 ft.	1 40	12 00
Snowflake , Large pure white flowers. Best of all varieties for foliage. Effective as edging plant.	1 80	15 00
*IBERIS, Hardy Candytuft. Sempervirens, each plant is a sheet of white in May and June; plants are dwarf, foliage almost evergreen, deep green. 8 inches.	1 40	12 00

IRIS

	Per 10	Per 100
California Peach . Delicate peach pink and apricot shades. Standards are soft old gold shading to rose. Falls—salmon apricot with tinge of lavender in the center.	\$ 2 40	\$ 20 00
Eleanor Roosevelt . (Fall bloming.) A reliable rebloomer; very dark fluorite purple. 30 inches.	1 80	15 00
Flora Zenor . Cameo pink with lines of heavier color near haft and tangerine beard.	2 40	20 00
Indian Chief . This is one of the finest red Iris. Standards—beautiful violet red; falls—deep rich glowing velvety red. The general effect being a fine rich red.	1 20	10 00
Lake Huron . A rich medium toned blue self, emphasized by a golden yellow beard.	1 60	14 00
Red Dominion . Rich outstanding red. 42 inches.	1 20	10 00
Souv. de Mme. Gaudichau . A deep rich velvety purple.	1 20	10 00

PERENNIALS—Continued**IRIS PUMILLA**

	Per 10	Per 100
Keepsake. A bright yellow dwarf with brilliant orange beard. 8 inches.	\$ 1 80	\$ 15 00
Mist O'Pink. Showy red pink with flaring falls, very dainty and small, one of the best of the new dwarfs. 8 inches.---	1 20	10 00
Sapphire. Dark blue bicolor. 8 inches.	1 20	10 00
Tony. Richest wine. 9 inches.	1 20	10 00

LATHYRUS, Everlasting Sweet Pea

latifolius , a lovely trailing plant that blooms all summer Pink, Red and White, separate colors. 3 ft.	1 40	12 00
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***LINUM, Flax**

perenne , bright blue flowers, upright growth.	1 20	10 00
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LOBELIA, Indian Paintbrush

Cardinalis , Cardinal Flower, rich, fiery cardinal flowers often producing 4 to 6 spikes. August-September. 30 in.	1 40	12 00
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LYTHRUM.

Morden's Pink. Produces masses of rose pink flowers on narrow spikes. A profuse and continuous bloomer from June to September. Does well in full sun or partial shade. Fine for cutting. Very hardy.	1 80	15 00
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The Beacon. For small borders or large mass planting, the long lasting clear deep carmine-red flowers on large spikes are truly a beacon that adds sparkle and interest to the garden. Thrives equally in wet semi-shade and open dry sun. July to frost.	1 80	15 00
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MYOSOTIS, Forget-me-not

*Palustris Semperflorens , rich blue flower, yellow eye. Blooms all summer. 8 in.	1 20	10 00
Pink Beauty. Clusters of large, deep pink forget-me-not flowers. Good cut flower. June to September.	2 10	18 00

PAPAVER ORIENTALS

These named varieties of Oriental Poppies, are grown from rooted cuttings. They will be twice transplanted insuring a heavy plant with good root system. For most successful results, Poppies should be planted in August or September. Prices subject to change without notice.

	Per 10	Per 100
Crimson PomPom , Fully double deep red flowers.	\$ 2 90	\$ 25 00
Dainty Lady , LaFrance pink with base blotches of begonia rose. 28 inches.	2 90	25 00
Flashy Glow , Yellow with orange cast. Clearer than others of this type. Blooms late midseason. 30 inches.	3 50	30 00
Helen Elizabeth , Light LaFrance pink. Petals are deeply crinkled. 34 inches.	2 90	25 00
Jean Mawson , Geranium pink flowers of good size on erect stems. Erect profuse bloomer. 32 inches.	2 90	25 00

PERENNIALS—Continued

PAPAVER ORIENTALS—Continued

	Per 10	Per 100
Lach Koenigen , Peach red with a rosy cast.	\$ 3 50	\$ 30 00
Mandarin , A splendid scarlet with no spots in the flower of established plants. 28 inches.	3 50	30 00
Salmon Glow , Large salmon orange; double early flowering.	2 90	25 00
Sass Pink , One of the finest and largest pink poppies. Immense blooms of fine crapy texture and lovely light delicate pink shade with a gray-mauve center.	3 50	30 00
Trilby , Late and very fine. Very deep red crinkled petals. Stiff stems. 26 inches.	3 50	30 00

PHLOX—Paniculata

All varieties of Phlox offered are Field Grown; they have been twice transplanted are vigorous and well developed.

	Per 10	Per 100
Africa . Brilliant carmine-red with blood-red eye. Well shaped flower heads composed of large compact florets. Good strong stems. 30 inches.	\$ 1 80	\$ 15 00
American Beauty . A beautiful deep rose-pink. All that the name implies.	1 80	15 00
Annie Laurie . Rich, deep salmon. Large trusses. Grows to a height of about three feet.	1 80	15 00
Apollo Red . Deep rose-red.	1 80	15 00
B. Comte , rich, satiny wine-red; one of the most brilliant. ..	1 40	12 00
Border Gem , a most unusual shade of rich deep purple. Does not fade.	1 80	15 00
Bright Eyes . A seedling of Daily Sketch and possesses its parents fine quality. Extraordinarily large florets, possibly the biggest of any Phlox. Brilliant red with dark center eyes.	2 10	18 00
Brilliant , large trusses of brilliant crimson flowers, darker eye.	1 80	15 00
Chieftain , clear deep ruby red without shadings; an unusual new "red" that is really outstanding.	2 10	18 00
Dr. Chas. H. Mayo , white with crimson eye.	1 40	12 00
Eva Forester , large heads of 30 to 40 individual flowers at one time. Flower clear pink and 1¼ in. across.	1 80	15 00
Fiancee , beautiful waxy white flowers. Blooms very late in the season.	1 40	12 00
Flash . New. Showy bright red. One of the best of the new Phlox.	1 80	15 00
Graff Zeppelin . Ivory white flowers with vermilion red eyes. Of average height. Free flowering.	1 80	15 00
Gustav Lind . Brilliant scarlet with orange cast.	2 10	18 00
Harvest Fire , large, salmon-orange trusses made up of large florets.	1 80	15 00
Jules Sandeau , rather dwarf in habit, but producing very large heads of brilliant watermelon pink blossoms.	1 40	12 00
July Lights . Flowers early, grows to a medium height. Each floret shaded with a soft light red with a blood red eye.	1 80	15 00
Mary Louise , the individual flowers are twice as large as other white Phlox; unquestionably the best white to date.	1 80	15 00

PERENNIALS—Continued

PHLOX—Paniculata—Continued

	Per 10	Per 100
Moonlight Dream. Large rich creamy white trusses. Medium grower.	\$ 2 10	\$ 18 00
Morgenrood, large individual florets in big heads of bright rose with deeper eye. Excellent grower; strong stems.	1 40	12 00
Mrs. Harding, deep salmon-rose with orange cast; a fine large flowering variety of branching habit. Very prolific.	1 80	15 00
Mrs. Jenkins. Pure white, late flowering. Free from any disease.	1 40	12 00
Orange Beauty. One of the newest, and the best orange we have ever seen. Brilliant clear orange with large flowers. Good grower.	2 10	18 00
Pinkette. The large florets are soft, delicate pink. This unusual coloring is heightened by the fact that the little narrow tubes which fasten the florets to the stem are clear, deep pink.	2 10	18 00
Prime Minister, pure white with distinct crimson eye.	1 40	12 00
Progress. Superb light blue, handsomely set off with deeper purple blue eyes, extremely large flower heads with 1½ to 2 inch florets. Rich, dark green foliage. 2½ feet.	2 10	18 00
Purple Sweetheart. Large reddish purple florets with darker eye. One of the best purples.	1 80	15 00
Rheinlander, salmon pink with carmine eye.	1 80	15 00
Rijnstroom, clear rose-pink with lavender cast. Large, compact trusses. Vigorous grower. Very desirable.	1 40	12 00
Rosea Superba. Large heads of light lilac-pink. Vigorous grower.	1 40	12 00
Ruby Lee. Extra large plum-red flowers. Medium height. ..	2 10	18 00
Salmon Glow. Beautiful, large flame pink flowers with salmon flush.	1 80	15 00
Sieboldt. Orange scarlet with crimson eye.	1 80	15 00
Special French. This is one of our very best Phlox. Good grower, free bloomer. Large, blush-pink with salmon eye.	1 40	12 00
Starlight, large purplish-violet florets with white star at center which creates a most unusual effect, a variety that is always in good demand.	1 80	15 00
Thor, deep salmon-pink, overlaid with a scarlet glow; small red eye. Not new but still one of the best. Very free-flowering.	1 40	12 00
World Peace. Pure white flowers are produced on strong sturdy stems. A vigorous grower with dark green glossy foliage. One of the best new white.	2 40	20 00

PHLOX, subulata, Moss or Mountain Pinks

alba, pure white flowers cover the plant in May.	1 40	12 00
atropurpurea, the best red subulata Phlox; deep carmine red, darker eye. May-June. 4 in.	1 40	12 00
Blue Emerald Cushion. New blue, with mats of lovely emerald-green foliage.	2 10	18 00
Emerald Cushion. A new variety producing a mass of pure pink blooms. Plant is very compact and sturdy. Foliage is greenest of all creeping phlox.	2 10	18 00

PERENNIALS—Continued

PHLOX, subulata, Moss or Mountain Pinks—Continued

	Per 10	Per 100
<i>lilacina</i> , a strong-growing creeping variety for massing in the rockery, completely covered with light blue flowers. May. 4 in.	\$ 1 40	\$ 12 00
May Snow , An extremely free flowering pure white variety of neat habit. Delicate and pure. Height 6 inches.	2 10	18 00
Samson , rose-pink; darker eye. Blooms again in the Fall. ..	1 40	12 00
Vivid , vivid rose-pink, darker eye. Very choice; free flowering.	1 40	12 00
PLATYCODON, Balloon Flower. June and July. 18 in.		
<i>grandiflorum</i> , blue.	1 40	12 00
<i>Grandiflora Rosea</i> , Lovely new pure rose-pink.	1 80	15 00
PYRETHRUM, Painted Daisy. May-June. 18 in.		
<i>atrosanguinea</i> , deep rose-red, single flowers.	1 40	12 00
<i>hybridum roseum</i> , soft pink and rose shades, single.	1 20	10 00
SALVIA (Sage)		
Edible, especially valuable for seasoning. 2 ft.	1 20	10 00
*SEDUM, Stonecrop		
<i>Acre</i> , (Golden Moss), green foliage, yellow flowers. July. 4 inches.	1 40	12 00
<i>Kamtschaticum</i> . Orange-yellow flowers, with prostrate, green foliage turning golden in autumn.	1 40	12 00
<i>Sexangulare</i> . Yellow flowers, very dark green foliage. May-June. 4 inches.	1 40	12 00
<i>Spectabilis Brilliant</i> , light green foliage, broad heads of rich rose-red flowers. August-September. 15 inches.	1 40	12 00

TRITOMA

	Per 10	Per 100
Coral Sea . (Pat. No. 563). Color a fine shade of pastel coral-red, overlaid deep rose. The plants form graceful flower spikes which in June and July produce from 15 to 30 medium sized flower spikes of uniform height, about 30 inches.	\$ 5 00	\$ 35 00
(Retail; 95¢ each; \$7.25 per doz.)		
Maid of Orleans . (Pat. No. 562). The rigid spikes of bloom are about 36 to 40 in. tall, with long spires of pale yellow blooms, which when a day old shade through palest straw-yellow to ivory-white. Plants produce from 10 to 15 flower spikes.	5 00	35 00
(Retail; \$1.00 each; \$8.50 per doz.)		

VERBENA

<i>Canadensis</i> , Rosy-lilac flowers. Does best in mixed soil.	1 40	12 00
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VERONICA, Speedwell

<i>Rosea</i> , Very neat dwarf compact form; flowers pure pink. Does well in light soil.	1 80	15 00
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PERENNIALS—Continued**VIOLA, ODORATA, Sweet Violet.**

Royal Robe. This glorious variety is a lustrous shade of deepest violet-blue. The blossoms are delicately fragrant and open out flat like a Pansy or Viola. A few plants of this violet in the garden will serve to furnish quantities of bloom either during early winter or early spring.-----\$ 1 80 \$ 15 00

LILIUM, Domestic Grown

regale, flowers are white, slightly suffused with pink, with a beautiful shade of canary yellow extending part way up the trumpet. June-July. 3-5 ft.

4 to 6 in.----- 90 7 00

tenuifolium (Carol L). Narrow-leaved; deep scarlet waxen recurved flowers. June. 15 in.

2 to 3 in.----- 1 00 8 00

3 to 4 in.----- 1 20 10 00

4 to 5 in.----- 1 40 12 00

tigrinum, the well-known old-fashioned lily; bright orange, thickly covered with purple spots.

Single 4 to 6 in.----- 1 40 12 00

Single 6 to 8 in.----- 1 80 15 00

LILY-OF-THE-VALLEY (Convallaria majalis)

Very fragrant pure white, bell-shaped flowers for shaded locations

Pips ----- 40 3 50

Clumps (10 pips each) ----- 2 90 25 00

BOXING CHARGES

30x30x10 -----	\$7.00	24x24x6 -----	\$4.50
30x30x8 -----	6.00	20x20x10 -----	5.00
30x30x6 -----	5.00	20x20x8 -----	4.50
30x30x5 -----	4.50	20x20x5 -----	3.75
30x30x4 -----	3.50	18x19x10 -----	5.50
24x24x10 -----	6.00	16x16x10 -----	4.25
24x24x8 -----	5.50	12x12x10 -----	3.50

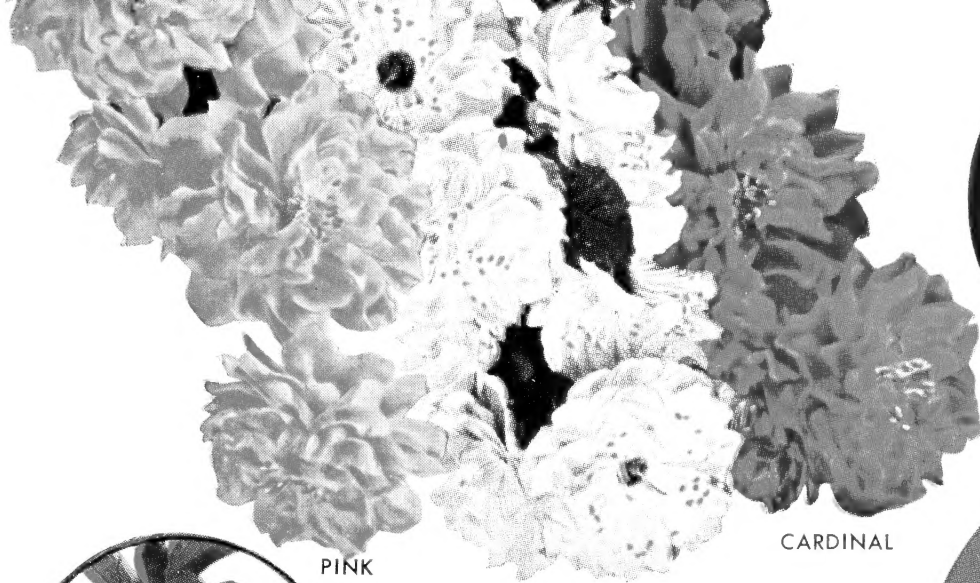
CORRUGATED BOXES

72x20x20 -----	\$2.25	48x20x20 -----	\$1.25
60x20x20 -----	1.75	36x20x20 -----	1.00

Bales will be charged at actual cost of the material and labor.

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Almond	15	Mahaleb	7
Althea	15	Maple	9-12
Ampelopsis	27	Mazzard	8
APPLE	2	Mountain Ash	12
Apple Seedlings	7	Mulberry	9-29
Apricot	4	Myrobalan Seedlings	8
Ash	8-11	N	
Asparagus	7	Nanking Cherry	3-13
B		Nectarines	5
Barberry	15-16-29	Ninebark	22
Beauty Bush	21	O	
Bignonia	27	Oak	9-12
Birch	11	Olive Russian	9-29
Blackberry	5	Osage Orange	9
Boysenberry	7	P	
Buckthorn	16	Peach	4
Butterfly Bush	16 17	Peach Flowering	13
Button Bush	18	PEAR	3
C		Pear Seedlings	8
Calycanthus	17	PERENNIALS	40-51 Incl.
Caragana	8-18-29	Persimmon	9
Catalpa	11	Philadelphus (Syringa)	22
Celastrus	27	Physocarpus	22
CHERRY	2-3	PLUM	4-5
Cherry Seedlings	7-8	Plum Seedlings	8
Christmas Tree	31	Polygonum	28
Clematis	27	Poplar	10-13
Cornus	17-18	PRIVET	22-23
Crab	2-11	Prunus	4-13-14
Crab, Bechtel's and Flowering	11	Q	
Cranberry H. B. (See Viburnum)	25	Quince Japan Flowering	18
Crepe Myrtle	18	R	
Currants	5	Raspberry	6
Cydonia	18	Red Bud	9-14
D		Rhodotypos	23
Deutzia	18	Rhubarb	7
Dewberry	7	Rhus	23
Dogwood	17-18	Roses Baby	33
E		Roses Climbing	34-35
Elder	18	Roses Floribunda	34
Elm	8-9-11-12	Roses H. P.	33
Euonymus	19	Roses H. T.	32-33
EVERGREENS	30-31	Roses Miscellaneous	34
F		Roses Patented	36-39 Incl.
FOREST TREE SEEDLINGS	8-9-10	Roses Rugosa	34
Forsythia	19	Russian Olive	9-29
FRUIT TREE SEEDLINGS	7-8	S	
G		Salvia	50
Gooseberry	5	SEEDLINGS, FOREST TREE	8-9-10
Grapes	6-7	SEEDLINGS, FRUIT TREE	7-8
H		Snowball (See Viburnum)	26
Hamamelis	19	Snowberry	25
Hedera	27	SPIREA	24-29
Hedging	29	Spruce	30-31
Honey Locust	9	Sumac	23
Honeysuckle	19-20-27-28-29	Symphoricarpos	25
Horse Radish	7	T	
Hydrangea	20	Tamarix	25
Hypericum	20	Taxus	31
I		Thuja	31
Ilex	21	True Hedge Columnberry	16
Ivy	27	V	
J		Viburnum	26
Juniper	30	VINES	27-28
K		Vitex	26
Kolkwitzia	21	W	
L		Walnut	10
Lilac	21	Weigela	23
Locust	9	Witch Hazel	19
		Willow	10-14
		Wisteria	28
		Y	
		Youngberry	7



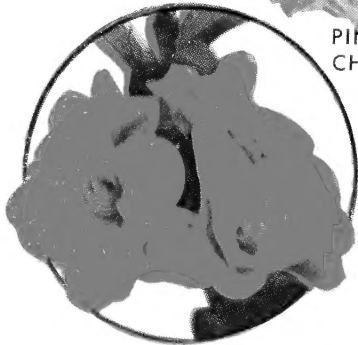
PINK
CHARMING

ICEBERG

CARDINAL



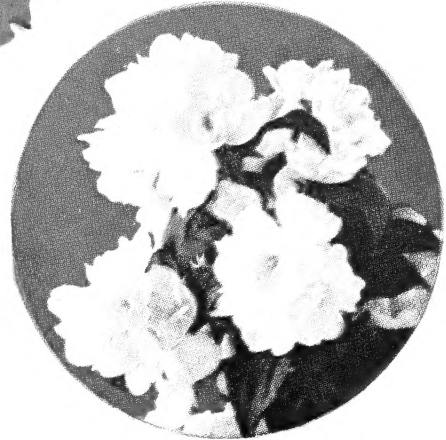
PINK FLOWERING ALMOND



CYDONIA JAPONICA

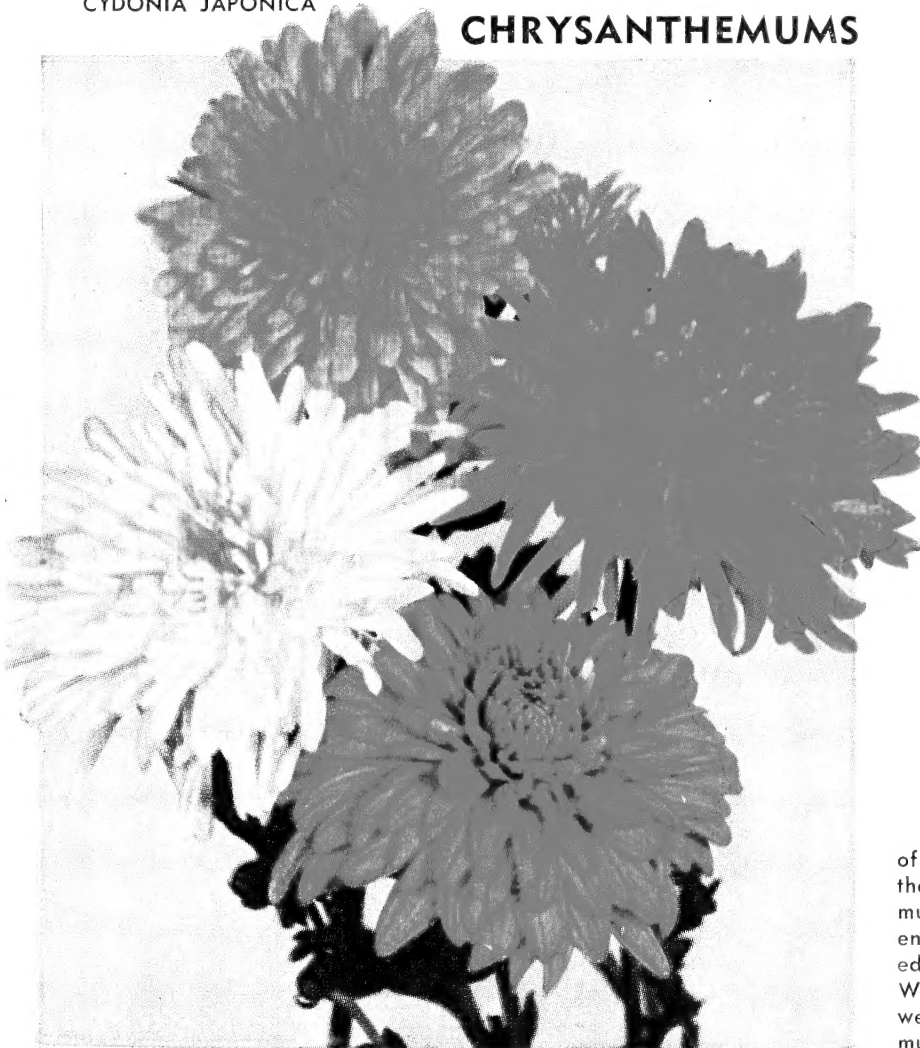
PRUNUS PERSICA

In the Ornamental Tree and Ornamental Shrub sections of this list we are offering a very complete selection of popular varieties. They are all well rooted, well finished and liberally graded. Your customers will be well pleased with stock purchased from us.



PHILADELPHUS, VIRGINAL

CHRYSANTHEMUMS



GLACIER

OLIVE LONGLAND

COURAGEOUS

CHARLES NYE



AQUILEGIA, CRIMSON STAR

We are offering an excellent selection of perennials in this list. Our assortment of the newer and best varieties of Chrysanthemums and Phlox is very complete. All perennials we offer are field-grown, well rooted plants and are guaranteed to please. We reserve the right to furnish well rooted, well finished, 2½-inch potted Chrysanthemums for spring delivery.

1950 A.A.R.S. Award Winners



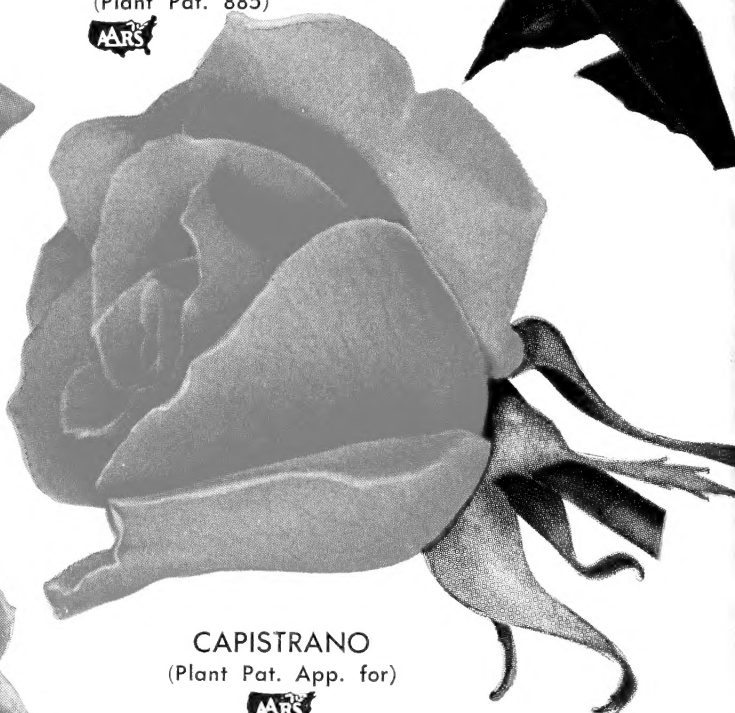
MISSION BELLS
(Plant Pat.
App. for)




FASHION
(Plant Pat.
App. for)



SUTTERS GOLD
(Plant Pat. 885)



CAPISTRANO
(Plant Pat. App. for)



Our Roses are carefully and liberally graded by experienced graders before being placed in our modern cold storage. The temperature and humidity is maintained at the proper level to insure completely dormant and vigorous plants. We have also equipped this cold storage with ultra-violet ray lamps to completely prevent and destroy all bacterial growth.

Lakes
Shenandoah Nurseries
SHENANDOAH, IOWA